

Ὠλύμπια Δί' ματα.

O R, A N

# ALMANACK

For the YEAR of

Our LORD GOD, 17+8.

Being the Bissextile, or Leap-Year.

And from the World's Creation, 5752.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets ; the Increase, Decrease, and Length of the Days and Nights ; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year ; whereby may be known the exact Hour of the Night at all times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

*Heaven's Volumes are epitomized here,  
To shew th' exact Description of the Year.*

By TYCHO WING, *Philomath.*

L O N D O N:

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STATIONERS.



# Common Notes for this present Year, 1748.

English or Old Account		Foreign or New Account
	Golden Number	I
	Cycle of the Sun	21
	The Epacts	0
C B	Dominical Letters	GF
	Roman Indiction	11
	Number Direction	24

## A Table of Terms and their Returns.

Hilary-Term begins *Jan. 23.* ends *Feb. 12.*

Returns or Essoign-days.		Exc.	Ret.	Ap.	W. D.
In eight days of <i>St. Hilary,</i>	<i>Jan. 20</i>	21	22	23	Saturd.
From the day of <i>St. Hilary</i> in 15 days,	27	28	29	30	Saturd.
On the morrow of Purif. of the <i>Bl. Mary,</i>	<i>Feb. 3</i>	4	5	6	Saturd.
In eight days of the Purif. of the Blessed <i>Mary,</i>	9	10	11	12	Friday.

Easter-Term begins *April 27.* ends *May 23.*

From the day of Easter in 15 days,	<i>April 24</i>	25	26	27	Wedn.
From the day of Easter in 3 weeks,	<i>May 1</i>	2	3	4	Wedn.
From the day of Easter in 1 month,	8	9	10	11	Wedn.
From the day of Easter in 5 weeks,	15	16	17	18	Wedn.
On the morrow of the Ascension,	20	21	22	23	Mond.

Trinity-Term begins *June 10.* ends *June 29.*

On the morrow of the holy Trinity,	<i>June 6</i>	7	8	10	Friday
In 8 days of the holy Trinity,	12	13	14	15	Wedn.
From the day of the holy Trinity in 15 Days,	19	20	21	22	Wedn.
From the day of the holy Trin. in 3 Weeks	26	27	28	29	Wedn.

Michaelmas-Term begins *Oct. 24.* ends *Nov. 28.*

From the day of <i>St. Mich.</i> in 3 weeks,	<i>Oct. 20</i>	21	22	24	Mond.
From the day of <i>St. Mich.</i> in 1 Month,	27	28	29	31	Mond.
On the morrow of all Souls,	<i>Nov. 3</i>	4	5	7	Mond.
On the morrow of <i>St. Martin,</i>	12	13	14	15	Tuesd.
In 8 days of <i>St. Martin,</i>	18	19	20	21	Mond.
From the day of <i>St. Martin</i> in 15 days,	25	26	27	28	Mond.

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, the 1st and 2d of *November,* and the 2d of *February.*

The *Exchequer* opens eight days before any Term begins except Trinity, before which it opens but four Days.

*Note,* That the first and last Days of every Term are the Days of Appearance.



# W I N G 1748.

## The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1.		Length of each Reign, accountin. <sup>28</sup> D. a Month.			Number of Years expired since they began to Reign.	
Kings Names	began to reign	Y.	M.	D.	Reg Kings Names	
William I.	1066 Oct. 14	20	11	22	682	William 1
William II.	1087 Sept. 9	12	11	18	661	William 2
Henry I.	1100 Aug. 1	35	4	12	648	Henry 1
Stephen	1135 Dec. 2	18	11	19	613	Stephen
Henry II.	1154 Oct. 25	34	9	2	594	Henry 2
Richard I.	1189 July 6	9	9	22	559	Richard 1
John	1199 April 6	17	7	1	549	John
Henry III.	1216 Oct. 19	56	1	1	532	Henry 3
Edward I.	1272 Nov. 16	34	8	9	476	Edward 1
Edward II.	1307 July 7	19	7	6	441	Edward 2
Edward III.	1327 Jan. 25	50	5	7	421	Edward 3
Richard II.	1377 June 21	22	3	16	371	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	349	Henry 4
Henry V.	1413 Mar. 20	9	5	24	335	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	326	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	287	Edward 4
Edward V.	1483 April 9	0	2	18	265	Edward 5
Richard III.	1483 June 22	2	2	5	265	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	263	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	239	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	201	Edward 6
Q. Mary I.	1553 July 6	5	4	22	195	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44	4	15	190	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	145	James 1
Charles I.	1625 Mar. 27	23	11	1	123	Charles 1
Charles II.	1649 Jan. 30	36	0	7	99	Charles 2
James II.	1685 Feb. 6	4	0	17	63	James 2
Will. 3. & M.	1689 Feb. 13	13	0	14	50	William 3
Q. Anne	1702 Mar. 8	12	5	6	46	Q. Anne
George I.	1714 Aug. 1	12	11	6	34	K. George 1
George II.	1727 June 11	Whom God grant long to reign.				

A Table of the Moon's Southing of excellent Use to find the Time of *High Water*, and Hour of the Night, for this present Year 1748.

Days	January		Februa.		March		April		May		June	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	9	A 45	10	A 52	10	A 20	11	A 49	11	A 49	0	M 38
2	10	35	11	37	11	4	Morn.		Morn.		1	43
3	11	25	Morn.		11	47	0	9	0	51	2	44
4	Morn.		0	21	Morn.		1	2	1	55	3	40
5	0	13	1	4	0	32	2	0	3	0	4	31
6	1	0	1	47	1	19	3	2	4	1	5	19
7	1	44	2	30	2	9	4	5	4	59	6	6
8	2	25	3	16	3	3	5	7	5	51	6	50
9	3	7	4	8	4	1	6	6	6	40	7	35
10	3	49	5	2	5	2	7	1	7	26	8	22
11	4	34	6	0	6	4	7	52	8	21	9	10
12	5	21	7	2	7	5	8	40	8	56	10	0
13	6	13	8	5	8	3	9	26	9	42	10	52
14	7	9	9	7	8	57	10	12	10	28	11	43
15	8	11	10	6	9	48	10	58	11	19	0	A 33
16	9	15	11	0	10	37	11	45	0	A 10	1	21
17	10	21	11	51	11	24	0	A 34	1	1	2	7
18	11	23	0	A 40	0	A 10	1	25	1	53	2	50
19	0	A 21	1	26	0	58	2	17	2	43	3	31
20	1	14	2	12	1	46	3	9	3	30	4	12
21	2	4	3	0	2	36	4	0	4	15	4	54
22	2	49	3	47	3	27	4	47	4	57	5	36
23	3	35	4	37	4	19	5	35	5	39	6	21
24	4	20	5	29	5	11	6	20	6	21	7	11
25	5	6	6	20	6	1	7	3	7	3	8	5
26	5	54	7	11	6	50	7	46	7	48	9	6
27	6	43	8	1	7	36	8	29	8	36	10	9
28	7	34	8	49	8	21	9	14	9	30	11	15
29	8	25	9	35	9	5	10	1	11	28	Morn.	
30	9	15			9	49	10	53	11	32	0	19
31	10	4			10	33			12	38		

Note, The Moon, or any Star, is said to be South, when they appear in that Quarter of the Firmament in which the Sun is every Day at Noon, which for the Moon this Table will di-

A Table of the Moon's Southing of excellent Use to find the Time of *High Water*, and Hour of the Night, for this present Year 1748.

Day	July		August		Sept.		Octob.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	1	M 19	2	M 33	3	M 49	4	M 25	5	M 33	5	M 24
2	2	15	3	22	4	41	5	16	6	16	6	4
3	3	6	4	11	5	34	6	7	6	59	6	45
4	3	55	4	59	6	26	6	54	7	39	7	28
5	4	41	5	50	7	17	7	39	8	20	8	16
6	5	28	6	41	8	5	8	21	9	3	9	7
7	6	15	7	33	8	52	9	3	9	49	10	4
8	7	3	8	24	9	36	9	45	10	40	11	5
9	7	53	9	13	10	28	10	28	11	35	0	A 9
10	8	44	10	2	11	0	11	13	0	A 34	1	12
11	9	35	10	47	11	43	0	A 1	1	37	2	10
12	10	25	11	31	0	A 26	0	54	2	39	3	8
13	11	15	0	A 12	1	12	1	50	3	38	4	0
14	0	A 1	0	54	2	1	2	50	4	36	4	48
15	0	46	1	36	2	54	3	51	5	28	5	36
16	1	28	2	18	3	51	4	52	6	17	6	22
17	2	9	3	6	4	50	5	50	7	5	7	10
18	2	50	3	55	5	51	6	44	7	51	7	59
19	3	32	4	49	6	50	7	36	8	38	8	49
20	4	16	5	47	7	48	8	24	9	27	9	41
21	5	3	6	47	8	44	9	12	10	16	10	33
22	5	54	7	50	9	36	10	0	11	8	11	25
23	6	50	8	51	10	26	10	49	Morn.		Morn.	
24	7	50	9	48	11	15	11	39	0	1	0	14
25	8	53	10	45	Morn.		Morn.		0	53	1	1
26	9	58	11	37	0	5	0	31	1	40	1	42
27	11	0	Morn.		0	55	1	24	2	33	2	27
28	11	59	0	28	1	47	2	18	3	19	3	8
29	Morn.		1	16	2	39	3	10	4	3	3	47
30	0	53	2	7	3	33	4	0	4	44	4	28
31	1	44	2	57			4	48			5	9

rect you; and for some of the most remarkable Stars, their Southings are set down in the following Months, by which the Hour of the Night may be very readily discover'd.

# W I N G 1748.

*The Use of the preceding TABLE of the Moon's Southing, to find the Time of High-Water, and Hour of the Night.*

## I. To find the Time of High-Water in most Ports of E N G L A N D.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts	H.	M.
<i>Portsmouth, Queenborough, Southampton,</i>	0	00
<i>Rochester, Winchelsea, Flushing,</i>	0	45
<i>Downs, Gravesend, Ramkins, Guernsey,</i>	1	30
<i>Denbigh, Bell-Isle, Holy-Isle, Downs-Road,</i>	2	15
<i>London, Tinmouth, Whitby, Hartlepool,</i>	3	00
<i>Scarborough, Berwick, Flushings, Staples,</i>	3	45
<i>Flamborough, Humber, Bridlington-Bay,</i>	4	30
<i>Plymouth, Ramsey, Newcastle, Severn,</i>	5	15
<i>Lynn, Fosdyke, Hull, Weymouth, Dartmouth,</i>	6	00
<i>Boston, Start-Point, Foulness, Bristol-Key,</i>	6	45
<i>Bridgwater, Milford-Haven, Lizard, Wintertown,</i>	7	30
<i>Yarmouth, Isle of White, the Needles,</i>	8	15
<i>Isle of Man, Orkney, Pool, South-Foreland,</i>	9	10
<i>Dover, Harwich, Orfordness, Bullein,</i>	10	10
<i>Rye, Solebay, Margate-Road,</i>	11	15

## II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. *Note,* You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.



## The Kalendar explain'd.

The Left-hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising, Southing, and Setting of Jupiter to every fifth Day.

Below which are seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked thus *S*, the other Days are noted by their first Letters; but, *Tuesday* and *Thursday* beginning with the same Letter, I have put the *Old English* *Ƨ* for *Thursday*, the more readily to assist the Eye in counting any Number of Days.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of London.

The seventh contains the Times when the Moon is in Apogee and Perigee, as also the Planets Mutual Aspects and Variation of the Air.

On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 5th Day of the Month.

Below which

Are five other Columns. The first is the Days of the Month, according to the Old Stile or *English* Account. The second is the Month, Days, according to the New Stile or Account used by Foreigners.

The third Column contains the Sun's true Place.

The fourth is the Sun's Declination.

The fifth Column under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, *Venus*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

*Note.* You have the Longitude and Declination of *Mercury*, in the Page after December.

January, 1748.

Full Moon the 4th day, at 5 in the even.

Last Quarter the 12th day, at noon.

New Moon the 19th day, at 3 in the morn.

First Quarter the 26th day, at 7 in the morn.

Days.	Jupiter	South.
1	Morn.	12 m 26
6	8 13	12 30
11	7 54	11 54
16	7 33	11 35
21	7 13	11 16
26	7 1	11 6

M	W	Holy Days	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	F	Circumcision	6 M 43	16 II 45	27 N 20	Frothy Air with
2	S	Day in. 30m.	7 40	28 35	27 25	Snow or Sleet.
3	☿	2 S. aft. Christ	8 21	10 ☿ 26	26 14	☽ Apogee.
4	M	Sun rise 7 56	☽ rises.	22 18	23 50	Variable and
5	T	Sun set 4 6	4 A 55	4 Ω 17	20 22	unsettled Wea-
6	W	Epiphany.	6 9	16 23	16 2	ther.
7	☾	Cl. fast. 11m.	7 22	28 35	10 58	* ♀ ☽ Some
8	F	Lucan	8 36	11 ☿ 0	5 27	♂ ☉ ♀ mild
9	S	Sun rise 7 49	9 48	23 35	0 S 20	and gentle
10	☿	1 S. aft. Trin.	11 6	6 ☿ 27	6 15	Showers of Rain.
11	M	Pl. Mond.	Morn.	19 37	12 2	
12	T	Sun set 4 14	0 28	3 M 5	17 23	Sharp freezing
13	W	Hilary B.	1 52	16 53	21 55	Wind, Snow or
14	☾	Day incr. 1h.	3 17	1 ♄ 5	25 22	Sleet, continues
15	F	Sun rise 7 42	4 39	15 36	27 16	several Days.
16	S	Sun set 4 19	5 50	0 ♄ 23	27 21	☾ Perige.
17	☿	2 S. aft. Trin.	6 38	15 19	25 26	☉ ☽ ♀ * ♂ ♀
18	M	Prisca Vir.	7 12	0 ☿ 18	21 38	Remission of
19	T	Cl. fast. 14 m.	☽ sets.	15 9	16 29	Cold, but dark
20	W	Pr. Wal. born.	6 A 45	29 45	10 28	thick Clouds
21	☾	Agnes Vir.	8 9	14 ♄ 11	4 2	with Rain
22	F	Day inc. 1 20	9 28	27 52	2 N 20	Rain continues.
23	S	Term begins	10 49	11 ♄ 18	8 25	Δ ♀ ☽
24	☿	3 S. aft. Epip.	11 59	24 20	13 57	♂ ♀ ☽. Cold
25	M	St. Paul's Con.	Morn.	6 ☽ 59	18 46	wet Season
26	T	Sun rise 7 26	1 18	19 19	22 37	with ruffling
27	W	Sun set 4 37	2 32	1 II 26	25 28	☉ ♀ ☽ Winds.
28	☾	Cl. fast 15 m.	3 38	13 22	27 8	Sharp Frost.
29	F	Damuel.	4 38	25 15	27 33	☽ Apogee.
30	S	K. Ch. I. Ma.	5 25	7 ☽ 5	26 43	Variety of
31	☿	4 S. aft. Epip.	5 53	18 57	24 37	Weather.

Wing.	♄	Saturn.	Jupiter.	Mars.	Venus.
		mp Declin.	vp Declin.	✕ Declin.	☿ Declin.
Jan.	1	7 46 11 S. 50	27 54 21 S. 1	10 14 8 S. 30	9 34 18 S. 40
1748	6	8 1 11 54 29	5 20 47 14	3 7 0 15 50	17 31
	11	8 15 11 57 0	16 20 32 17	50 5 28 22	5 15 38
	16	8 26 12 0 1	27 20 16 21	39 3 58 28	19 13 30
	21	8 37 12 1 2	40 20 2 25	27 2 19 4	33 11 13
	26	8 43 12 2 3	48 19 44 29	14 0 45 10	45 8 49

O. S.	N. S.	Sun's Place.	Sun's Declin.	Observations.
1	12	21 47	21 S 43	Day 17h. 50m. long, increased 26m.
2	13	22 48	21 33	
3	G 23	49 21	22	<i>Take Courage, Britain, God's great Providence</i>
4	15	24 50	21 11	<i>Does you protect, will still be your Defence;</i>
5	16	25 51	21 0	<i>Your Sons unite, conduct your Measures well,</i>
6	17	26 52	20 49	<i>And Britons still shall o'er their Foes prevail;</i>
7	18	27 53	20 37	<i>Advance in Trade, in Glory and Renown,</i>
8	19	28 55	20 24	<i>Whilst your brave Heroes bumble Bourbon's Crown.</i>
9	20	29 56	20 12	The Sun enters ☊]
10	G 22	☊ 57	20 0	7 Stars South 7 h. 15 m. at night.
11	22	1 58	19 45	
12	23	2 59	19 31	Venus sets at 6 in the evening.
13	24	4 0	19 17	Mars sets 32 m. past 8 at night.
14	25	5 1	19 2	Cambridge Term begins 13th Day.
15	26	6 2	18 48	Day 8 h. 30 m. long, increased 1h. 6m.
16	27	7 3	18 32	
17	G 28	8 4	18 17	
18	29	9 5	18 1	Saturn rises at 1 in the morning.
19	30	10 5	17 45	☉ Eclipsed Visible in Asia.
20	31	11 6	17 28	
21	F 12	7 17	11	The Right Shoulder of Orion South
22	2 13	8 16	54	40 m. after 8 at night.
23	3 14	9 16	37	
24	G 15	10 16	19	Day 9 h. long, increased 1 h. 36 m.
25	5 16	10 16	1	7 Stars South 6 h. 30 m. at night.
26	6 17	11 15	43	
27	7 18	11 15	24	Sirius South at 9 at night.
28	8 19	12 15	5	Saturn rises at midnight.
29	9 20	12 14	46	Venus sets at 7 in the evening.
30	10 21	13 14	26	Mars sets 36 m. after 8 at night.
31	G 22	14 14	7	

# February 1748.

Full Moon the 3d day, at noon.

Last Quarter the 10th day, at 9 at night.

New Moon the 17th day, at 3 afternoon.

First Quarter the 25th day, at 3 in the morn.

Day	Jupiter	
	rises.	South.
1	6m41	10m48
6	6 22	10 33
11	6 3	10 19
16	5 48	10 2
21	5 37	9 50
26	5 16	9 33

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	M	Sun rise 7 11	6M25	0Ω55	21 N23	Lofly Winds
2	T	Purif. B. V.	6 49	13 0	17 15	and sudden
3	W	Sun set 4 51	☾ rises.	25 19	12 23	* ♃ ♂ Shower
4	T	Blase B.	6A21	7m47	6 52	of Rain.
5	F	Day in. 2 15	7 37	20 28	1 7	
6	S	Cl. fast 15m.	8 54	3 24	4 S53	Cold Storms of
7	S	Septuagesima	10 13	16 31	10 42	Snow or Rain.
8	M	Sun rise 6 58	11 38	29 55	16 10	
9	T	Sun set 5 4	Morn.	13 m31	20 55	Wind and
10	W	Scholast.	1 2	27 21	24 38	♂ ☉ ♀ Rain.
11	T	D. 10h. 18m	2 27	11 23	26 56	☾ Perigee.
12	F	Term ends.	3 38	25 36	27 31	Fair and Clear.
13	S	Day in. 2 50	4 36	9w59	26 19	Δ ♄ ♀ ☾ Perig.
14	S	Sexagesima	5 15	24 30	23 16	Valentine.
15	M	Sun rise 6 44	5 45	9 3	18 45	Snow or Rain.
16	T	Sun set 5 18	6 8	23 36	13 28	Δ ☉ ♄. □ ♄ ♃
17	W	Concordia	☾ set.	7 53	6 54	* ♃ ♀
18	T	Cl. fast 13m.	6 A57	22 0	0 25	Heavy Showers
19	F	D. 10h. 50m.	8 19	5 47	5 N55	of Rain and
20	S	Day in. 3 15	9 41	19 12	11 49	rough Winds.
21	S	Shrove Sun.	11 0	2 17	17 3	
22	M	Ps. Hesse bo.	Morn.	14 59	21 19	Moderate good
23	T	Shrove Tues	0 9	27 22	24 33	Weather, fair
24	W	Ash-Wednes	1 25	9 30	26 39	and frosty.
25	T	St. Matthias	2 29	21 27	27 30	Snow or Sleet.
26	F	Sun rise 6 22	3 21	3 19	27 2	☾ Apogee.
27	S	Sun set 5 40	4 2	15 8	25 20	Showery open
28	S	1 S. in Lent.	4 33	27 1	22 29	Weather to the
29	M	Cl. fast 10m.	4 57	9Ω2	18 40	End.



O. S.	N. S.	Sun's Place.	Sun's Declin.	Observations.
1	12	23	15	13 S 47
2	13	24	16	13 27
3	14	25	16	13 7
4	15	26	17	12 47
5	16	27	17	12 26
6	17	28	18	12 5
7	G	29	18	11 44
8	19	30	18	11 23
9	20	1	19	11 1
10	21	2	19	10 40
11	22	3	20	10 18
12	23	4	20	9 56
13	24	5	20	9 34
14	G	6	21	9 12
15	26	7	21	8 50
16	27	8	21	8 27
17	28	9	21	8 4
18	29	10	21	7 42
19	M	11	21	7 19
20	2	12	21	6 56
21	3	13	21	6 33
22	F	14	21	6 10
23	5	15	21	5 47
24	6	16	21	5 24
25	7	17	21	5 0
26	8	18	21	4 37
27	9	19	20	4 14
28	F	20	20	3 50
29	11	21	20	3 27
				Day 9h. 30m. long, increased 2h. 0m.
				Moon Eclipsed, Visible in <i>America</i> .
				Venus sets past 7 at night.
				Mars sets 40 m. past 8 at night.
				7 Stars South 5 h. 24 m. past 8 at night.
				Sun enters 40 m. past 4 in the morn.
				Day 10 h. long, increased 2 h. 36 m.
				Sirius, or the great Dog Star South 7 min. after 8 at night.
				Pollux South at 9 at night, alt. 66 Deg.
				Day 10h. 30m. long, increased 3h. 6m.
				Sirius South 45 m. after 7 at night.
				Venus sets at 8 at night, and sets 47 min. after 8.
				Saturn rises 30 m. past 10 at night.
				7 Stars set at 1 morning.
				Day 11 h. long, increased 3 h. 36 m.
				Sirius South 7 h. 7 m. at night.
				Saturn rises at 10 at night.

# March 1748.

Full Moon the 4th day, at 4 in the morn.  
 Last Quarter the 11th day, at 5 in the morn.  
 New Moon the 18th day, at 3 in the morn.  
 First Quarter the 25th day, at 11 at night.

Days.	Jupiter	rises	South.
1	5m	7	9m24
6	4	48	9
11	4	34	8 57
16	4	16	8 40
21	4	3	8 28
26	3	43	8 10

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	T	David.	5 M 15	21 15	14 N 2	Rough Winds and
2	W	Emb. Week.	5 40	3 m 43	9 1	turbid Weather.
3	T	Sun rise 6 12	5 55	16 27	2 57	* ♃ ♄. ♂ ♂ ♀
4	F	Sun set 5 50	☾ rises.	29 30	3 S 3	Flying Clouds
5	S	Cl. fast 9 m.	8 A 6	12 48	9 2	and hasty Show-
6	S	2 S. in Lent.	9 27	26 23	14 39	ers of Rain or
7	M	Perpetua.	10 54	10 m 9	19 43	Hail.
8	T		Morn.	24 4	23 44	Sharp Frosty
9	W	Eq. D. & N.	0 15	8 7	5 26	Air, with some
10	T	Day inc. 4 30	1 36	22 11	27 26	Snow or Sleet.
11	F	Cl. fast 7 m.	2 35	6 w 18	26 38	☾ Perigee.
12	S	Gregory B.	3 21	20 27	24 7	♂ ♀ ♀
13	S	3 S. in Lent.	3 54	4 35	20 9	Flying Clouds
14	M	P. Edw. born.	4 15	18 41	15 3	and sudden
15	T	Sun set 6 12	4 33	2 45	9 7	Showers of
16	W	D. 1 zh. 30 m.	4 49	16 40	2 51	Rain.
17	T	S. Patrick	5 4	0 v 25	3 N 27	♂ ♀ ♂
18	F	Cl. fast 4 m.	☾ sets.	13 57	9 50	☐ ♃ ♀
19	S	Day inc. 5 6	8 A 42	27 13	14 59	Thick Clouds
20	S	Midlent Sun.	10 3	10 12	19 42	and Rain of long
21	M	Sun rise 5 36	11 15	22 48	23 21	continuance.
22	T	Sun set 6 26	Morn.	5 II 11	25 54	
23	W		0 22	17 19	27 10	Hail or Rain.
24	T	Marcus	1 19	29 16	27 8	♂ ☉ ♀. * ♃ ♄
25	F	Lady-Day.	2 4	11 7	25 50	* ☉ ♃. ☾ Apog.
26	S	D. inc. 5 35	2 40	22 56	23 23	Frosty and mo-
27	S	5 S. in Lent.	3 6	4 49	19 56	derately Fair.
28	M	Cl. fast 2 m.	3 27	16 51	15 37	
29	T	Sun rise 5 20	3 43	29 8	10 36	Stormy unsettled
30	W	Sun set 6 41	3 56	11 m 42	5 1	Weather.
31	T	Walbina	4 9	24 30	0 S 53	☐ ♃ ♂

Wing.	SAR	Saturn.		Jupiter.		Mars.		Venus.	
		$\pi$	Declin.	$\mu$	Declin.	$\gamma$	Declin.	$\gamma$	Declin.
Mar. 1748.	1	8 R 16	11 S 46	11 35	17 S 51	25 12	9 N 45	23 45	9 N 5
	6	8 3	11 41	12 36	17 35	28 51	11 7	29 48	11 32
	11	7 48	11 36	13 35	17 18	28 29	12 27	50 13	51
	16	7 32	11 31	14 32	17 2	6 5	13 44	11 49	16 0
	21	7 12	11 25	15 27	16 47	9 40	14 55	17 48	18 3
	26	6 52	11 18	16 20	16 32	13 14	16 42	23 44	19 53

O. N.	Sun's	Sun's	Observations.	
S. S.	Pl. ce.	Declin.		
1	12	22 20	3 S 3	7 Stars set at 12 at night.
2	13	23 20	2 39	Day 11 h. 30 m. long, increased 4 h. 6 m.
3	14	24 19	2 16	Sirius South at 7 at night.
4	15	25 19	1 52	Mars and Venus set nearly together
5	16	26 18	1 28	about 9 at night.
6	F	27 18	1 5	Mercury sets 1 h. 48 m. after the ☉
7	18	28 17	0 41	
8	19	29 17	0 17	
9	20	Y 16	0 N 6	Equal Day and Night, increased 4 h.
10	21	1 16	0 30	36 m.
11	22	2 15	0 54	Saturn rises 9 h. 18 m. at night.
12	23	3 15	1 17	
13	F	4 14	1 41	Cor Hydræ South at 9 at night.
14	25	5 13	2 4	7 Stars set 11 h. 30 m. at night.
15	26	6 12	2 28	
16	27	7 12	2 51	
17	28	8 11	2 15	Day 12 h. 36 m. long, increased 5 h. 6 m.
18	29	9 10	3 38	We are yet labouring under the Effects
19	30	10 9	4 1	of the last Conjunction of ♀ and Jupiter
20	F	11 8	4 25	in the fiery Trigon, together with ma-
21	A	12 7	4 48	ny concomitant Planetary Configura-
22	2	13 6	5 11	tions, Eclipses, Comets and other
23	3	14 5	5 34	Celestial Phænomena, which if they
24	4	15 4	5 56	may not properly be called Causes of
25	5	16 3	6 19	future Events, we may surely look
26	6	17 2	6 42	upon them as Signs sent from the su-
27	F	18 1	7 4	preme Cause, to forewarn the World
28	8	18 59	7 27	of what may be expected, whilst they
29	9	19 58	7 49	follow the Dictates of sinful Passions.
30	10	20 57	8 11	
31	11	21 56	8 33	Regulus South at 8 at night.

April 1748.

Full Moon the 2d day, at 4 in the aftern.  
 Last Quarter the 9th day, at 11 in the morn.  
 New Moon the 16th day, at 4 afternoon.  
 First Quarter the 24th day, at 6 in the even.

S	D	Jupiter	
		rises	South.
1	3	M 22	7 <sup>m</sup> 52
6	3	10	7 41
11	2	52	7 24
16	2	31	7 5
21	2	18	6 52
26	2	06	34

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	sets.	Place.	Declin.	Weather.
1	F	Noah	4 M 20	7 <sup>h</sup> 56	6 S 54	This Month
2	S	Day incr. 6h.	☉ rises	21 36	12 47	begins with
3	☉	Palm Sunday.	8 39	5 <sup>m</sup> 37	18 8	fine season-
4	M	Ambrose	10 6	19 48	22 32	able Showers.
5	T	Sun rise 5 7	11 31	4 <sup>h</sup> 10	25 39	Brisk Winds
6	W	Sun set 6 55	Morn.	18 33	27 6	and Showers,
7	☾	Maundy Th.	0 36	2 <sup>h</sup> 52	26 47	☉ Perigee.
8	F	Good Friday	1 27	17 7	24 40	More calm,
9	S	Day 14 hours	2 2	1 <sup>h</sup> 13	20 58	fair, settled
10	☉	Easter Day	2 30	15 11	16 9	Weather.
11	M	Monday	2 48	29 1	10 34	Dark gloomy
12	T	Tuesday	3 2	12 <sup>h</sup> 41	4 30	Weather, and
13	W	Sun rise 4 53	3 15	26 13	1 N 39	☉ ☉ ½ cold
14	☾	Sun set 7 9	3 30	9 <sup>h</sup> 35	7 39	Rain.
15	F	D. Cumb. bo.	3 40	22 46	13 14	High Winds
16	S	Day in. 6 50	☉ sets	5 <sup>h</sup> 43	18 9	and aturbulent
17	☉	Low Sunday	9 A 3	18 28	22 7	Air with
18	M	Cl. flow 3 m.	10 15	0 <sup>h</sup> 58	25 4	☉ ☉ ♀ Show-
19	T	Alphege.	11 18	13 13	26 43	ers of Rain and
20	W		Morn.	25 17	27 5	Hail.
21	☾	Sun rise 4 39	0 6	7 <sup>h</sup> 12	26 10	☉ Apogee.
22	F	Sun set 7 23	0 44	19 2	24 7	Clear whole-
23	S	St. George.	1 11	0 <sup>h</sup> 50	20 58	some Winds
24	☉	2 S aft. Easter	1 34	12 43	16 57	and temperate.
25	M	St. Mark.	1 52	24 44	12 15	* ☉ ☉
26	T	Cl. flow 4 m	2 6	7 <sup>h</sup> 0	6 55	Some fertile
27	W	Term begins	2 18	19 36	1 16	Showers doing
28	☾	Sun rise 4 27	2 31	2 <sup>h</sup> 37	4 S 37	much good
29	F	Sun set 7 34	2 45	16 3	10 30	☉ ☉ ☉
30	S	Jacobus.	3 0	29 54	16 4	☉ ☉ ♀



Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.	
		mp	Declin.	mp	Declin.	♄	Declin.	♀	Declin.
April 1748.	16R	27	11 S 8	17	19	16 S 16	17 29	17 N 22	0 48
	66	4	11 18	4	16	3 21	1 18	22 6	38 23
	115	42	10 54	18	48	15 51	24 30	19 18	12 26
	165	19	10 47	19	28	15 39	27 59	20 11	18 11
	214	57	10 38	20	3	15 28	1 Π 27	20 57	23 51
	264	34	10 31	20	35	15 19	4 54	21 39	29 27

O. N.	S. S.	Sun's Place.	Sun's Declin.	Observations.
1	12	22	54	8 N 55
2	13	23	53	9 17
3	F	24	52	9 38
4	15	25	50	10 0
5	16	26	49	10 21
6	17	27	47	10 42
7	18	28	46	11 3
8	19	29	44	11 24
9	20	♄	43	11 44
10	F	1	41	12 4
11	22	2	39	12 24
12	23	3	38	12 44
13	24	4	36	13 4
14	25	5	34	13 24
15	26	6	32	13 43
16	27	7	31	14 2
17	F	8	29	14 21
18	29	9	27	14 40
19	30	10	25	14 58
20	M	11	23	15 16
21	2	12	21	15 34
22	3	13	19	15 51
23	4	14	17	16 9
24	F	15	15	16 26
25	6	16	13	16 43
26	7	17	11	16 59
27	8	18	9	17 15
28	9	19	7	17 31
29	10	20	5	17 47
30	11	21	3	18 2
				Day 13 h. 30 m. long, increased 6h. 6m.
				Alderman <i>Reynardson</i> fin'd 2000 £.
				degraded of his Mayoralty, and imprison-
				ed in the <i>Tower</i> , for refusing to proclaim
				the Act against Monarchy, April 2, 1649.
				Cor Caroli South at 11 at night.
				Sun enters ♄ 30 min. past 6 evening.
				Day 14 h. long, increased 6 h. 36 m.
				Mars sets 12 min. past 9 at night.
				Venus sets at 11 at night.
				Saturn rises at Sun set.
				Day 14 h. 30 m. long, increas. 7h. 6m.
				7 Stars set 9h. 25m. at night.
				Cambridge Term begins.
				Mars sets 9h. 13m. at night.
				Venus sets 11h. 22m. at night.
				Day 15h. long, increased 7h. 36m.
				Now the Imperial Eagle bangs her Head,
				Drooping she mourns her wonted Thunder fled.
				Where shall she Succours seek, or whither fly?
				Shall she for ever in Confusion lye?
				Not so! her Aid the English Hero brings,
				England the Friend of her Allies and Kings.

# May 1748.

Full Moon the 2d day, at 2 in the morn.  
 Last Quarter the 8th day, at 5 afternoon.  
 New Moon the 16th day, at 5 in the morn.  
 First Quarter the 24th day, at 9 in the morn.  
 Full Moon the 31st day, at 9 in the morn.

Jupiter		
rises	South.	
1m 42	6m 17	
6 23	6 0	
11 1	5 5	42
16 0	4 5	24
21 0	2 5	2
26 0	5 4	42

M W D D	Holy Days.	☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 S	3 S. aft. Easter	Attern.	14 m 11	20 S 53	S. Phil. & James	
2 M	Cl. flow 4 m	9 10	28 45	24 34	Thunder with	
3 T	Inb. Cross	10 26	13 7	31 26	40 some hasty Show-	
4 W	Sun rise 4 17	11 30	28 19	26 55	ers of Rain.	
5 T	Sun set 7 44	Morn.	13 v 2	25 14	8 h 2. D Perig.	
6 F	John Port	0 22	27 33	21 51	Cloudy and	
7 S	D. 1 sh 34 m	0 36	11 49	17 13	some Showers	
8 S	4 S. aft. Easter	0 57	25 47	11 45	of Rain.	
9 M	D. incr. 8 5	1 12	9 33	5 44	A fine temperate	
10 T	Cl. flow 4 m	1 25	23 1	0 N 22	Season and	
11 W	Christian	1 41	6 v 16	6 20	grateful Sere-	
12 T	Sun rise 4 7	1 53	19 20	11 52	nity.	
13 F	Sun set 7 55	2 9	28 11	16 56	Wind and Rain.	
14 S		2 24	14 49	21 6	* ♀ ♀	
15 S	Rogat. Sund	D sets 27	18 24	15 15	□ ♀ ♀ Lofty	
16 M	Cl. flow 3 m	9 A 6	9 II 35	26 16	Winds, some.	
17 T	D. incr. 8 25	10 12	1 42	27 0	Storms of Rain	
18 W	Dialcorus	10 43	3 40	26 27	and Hail.	
19 T	Ascension D.	11 12	15 31	24 40	☾ Apogee.	
20 F	Sun rise 3 58	11 39	27 20	21 48	Variable.	
21 S	Sun set 8 3	11 55	9 Ω 8	18 2	Δ ♀ ♂ Fair,	
22 S	6 S. aft. Easter	Morn.	21 0	13 33	clear and serene	
23 M	Term ends	0 11	2 1	8 25	Air and a fine	
24 T	Pr. Geo. bo.	0 24	15 17	3 2	comfortable	
25 W	Sun rise 3 55	0 36	27 51	2 S 39	Season.	
26 T	Sun set 8 7	0 48	10 48	8 25		
27 F	Men Wedc.	1 0	24 15	14 0	♂ ☉ ♀. □ ♀ ♀	
28 S	Cl. flow 2 m	1 18	8 m 8	19 5	Wind and Ire-	
29 S	Whit Sund.	1 41	22 29	23 11	quent Showers.	
30 M	Pis Am. & Ca. bc	2 16	7 7	13 0	Δ ♀ ♀ of	
31 T	Tuesday.	3 0	22 14	27 0	Hail or Rain.	

Wing.	S	Saturn	Jupiter	Mars	Venus
		m <sub>2</sub>   Decl.	m <sub>2</sub>   Decl.	II   Decl.	z <sub>3</sub>   Decl.
May	14	12 10 24 21	4 15 S 13	8 21 22 N 18	4 59 25 N 59
1748.	6	3 52 10 19 21	22 15	6 11 46 22	49 10 26 25
	11	3 32 10 14 21	42 15	0 15 9 23	19 15 49 25
	16	3 23 10 8 22	3 14	57 22 32 23	40 21 6 24
	21	2 59 10 2 22	14 14	55 21 56 23	59 26 13 23
	26	2 44 9 59 22	21 14	56 26 16 24	10 13 14 23

O	Z	Sun's	Sun's	Observations.	
S	S	Place.	Declin.		
1	F	22	0 18 N 18	Saturn sets at 4 in the morning.	
2	13	22	58 18 32		
3	14	23	56 18 47	Day 15 h. 30 m. long, incr. 8 h. 6 m.	
4	15	24	54 19 1	Mars sets 9 h. 10 m. at night.	
5	16	25	52 19 15		
6	17	26	49 19 28	Mars sets about 8 minutes after 11 at	
7	18	27	47 19 41	night all this Month.	
8	F	28	45 19 54		
9	20	29	42 20 7	Sun enters II 28 min. past 7 evening.	
10	21	II	40 20 19	Alioth south at 9 at night.	
11	22	I	37 20 31		
12	23	2	35 20 42	Virgin's Spike south at 9 at night.	
13	24	3	32 20 53		
14	25	4	30 21 4	Day 16 h. long, increased 8 h. 36 m.	
15	F	5	28 21 14		
16	27	6	25 21 25	Venus sets at half an hour after 11 at	
17	28	7	23 21 34	night throughout this Month.	
18	29	8	20 21 43	Seven Stars rises at 3 in the morning.	
19	30	9	17 21 52		
20	31	10	15 22 1		
21	I	11	12 22 9	<i>This Month's Events doth Europe's Cause advance,</i>	
22	F	12	10 22 17	<i>Against the barb'rous Stratagems of France :</i>	
23	13	7 22 24	<i>The Stars combine to be Britannia's Guards,</i>		
24	14	4 22 31	<i>And on her Foes will pour out just Rewards :</i>		
25	15	2 22 38	<i>Hermes with Sol in Gemini doth join,</i>		
26	16	59 22 44	<i>And Jove courts England's Mars by happy Trine.</i>		
27	17	56 22 50			
28	18	54 22 55	Arcturus south at 9 at night.		
29	F	51 23 0	King Charles II. Restoration, 1660.		
30	19	48 23 5	Day 16 h. 30 m. long. incr. 9 h. 6 m.		
31	11 20	46 23 9	Max. elong. ♀ 45° 21'.		



June, 1748.

Jupiter  
rise Son.

Last Quarter the 7th day, at 1 in the morn.

New Moon the 14th day, at 8 at night.

First Quarter the 22d day, at 10 at night.

Full Moon the 29th day, at 4 afternoon.

21 46 4m 17  
6 11 21 3 56  
11 11 0 3 39  
16 10 38 3 14  
21 10 16 2 52  
26 9 54 2 29

M.D.	Holy-Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	W Ember-Week	10 a 3	7 1/2 22	25 S 59	Δ ⊙ 4. D Perig.
2	Erasmus.	10 32	22 24	23 7	δ δ 8. rain.
3	F Sun rise 3 50	11 5	7 1/2 15	18 42	Δ h 8
4	S Sun set 8 11	11 23	21 46	13 12	Wind and rain.
5	S Trinity-Sund.	11 34	5 1/2 56	7 10	Δ h 8
6	M Clocks true	11 45	19 45	0 57	Serene, sweet,
7	T with the Sun.	11 57	3 1/2 16	4 N 56	temperate, and
8	W Day inc. 8 51	Morn.	16 21	10 51	prolific air.
9	Corp. Chril.	0 9	29 13	15 59	Some thunder
10	F Term begins.	0 27	11 8	51 20	18 showers.
11	S St. Barnabas.	0 48	24 16	23 41	K. Geo. II. Inau
12	S S. aft. Trin.	1 16	6 1/2 30	25 56	Δ ⊙ h
13	M Sun rise 3 48	2 0	18 35	26 57	Cloudy, obscure
14	T Sun set 8 12	D sets	0 23 33	26 41	weather.
15	W K. Geo. II. Pr.	9 a 11	12 25	25 10	D Apoge
16	T Cl. fast 2 m.	9 31	24 14	22 34	Wind, with
17	F St. Alban.	9 58	6 1/2 21	19 0	sudden show-
18	S Day 16h 20m	10 13	17 52	14 41	8 1/2 8 24 8 28
19	S S. aft. Trin.	10 25	29 47	9 42	of rain or hail.
20	M Sun rise 3 52	10 37	11 1/2 52	4 26	
21	T Sun set 8 8	10 50	24 9	1 S 8	Pleasant, agree-
22	W Day de. 10 m.	11 3	6 1/2 44	6 46	able weather,
23	T Agripina.	11 16	19 39	12 15	inclin'd to heat.
24	F St. John. Bapt.	11 35	2 1/2 58	17 24	Pleasant, sun-
25	S Cl. fast 4 m.	11 58	16 45	21 47	shine, and
26	S S. aft. Trin.	Morn.	0 1/2 58	25 6	Δ ⊙ δ. fine
27	M Sun rise 3 55	0 43	15 39	26 48	cheary wea-
28	T Sun set 8 4	1 38	0 1/2 37	26 42	ther.
29	W S. Pet. & Paul.	D rises	15 48	24 22	Term ends.
30	T Com. Pauli.	8 a 52	1 1/2 0	20 36	D Perige



Wing.	Saturn	Jupiter	Mars	Venus
$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Dec.	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Decl.	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Decl.	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Decl.
June	12 R 30 9 S 55	12 R 32 14 S 55	29 17 24 N 18	7 2 30 N 30
1748.	6 2 20 9 53 22	18 14 58	22 36 24 19 11	38 18 59
	11 2 13 9 51 22	8 15 2	5 54 24 14 16	1 17 23
	16 2 9 9 49 21	54 15 7	9 12 24 5 26	6 15 36
	21 2 5 9 51 21	35 15 15	12 29 23 50 23	55 13 51
	26 2 D 4 9 52 22	13 15 23	15 46 23 30 27	16 12 4

O	Z	Sun's	Sun's
$\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$	Place.	Declin.

## Observations.

1	12	21	43	23	N 13	
2	13	22	40	23	16	Mars sets near 9 at night.
3	14	23	38	23	19	Venus sets at 11 at night.
4	15	24	35	23	22	Saturn sets 1 h. 30 m. in the morn.
5	16	25	32	23	24	
6	17	26	29	23	26	
7	18	27	27	23	27	
8	19	28	24	23	28	North Ballance south at 9 at night.
9	20	29	21	23	28	Day increased 9 h. 12 m.
10	21	30	18	23	28	Longest Day at Stamford 16 h. 36 m.
11	22	1	16	23	28	Seven Stars rises at 1 in the morning.
12	23	2	13	23	27	Saturn south 7 h. 53 m. at night.
13	24	3	10	23	26	Serpent's neck south at 9 at night.
14	25	4	7	23	25	
15	26	5	4	23	23	
16	27	6	1	23	20	
17	28	6	59	23	17	Saturn's in Scorpio, and retrograde is Jove.
18	29	7	56	23	14	Some Mischief's bid under the Veil of Love.
19	30	8	53	23	10	Scotland be cautious, Holland have a Care,
20	J.	9	50	23	6	The Scorpion sings before you be aware.
21	2	10	47	23	2	
22	3	11	45	22	57	Day 16 h. 30 m. long, decreased 6 m.
23	4	12	42	22	52	Seven Stars rises 30 m. after midnight.
24	5	13	39	22	46	
25	6	14	36	22	40	
26	7	15	33	22	34	Mars sets 8 h. 30 m. at night.
27	8	16	31	22	27	Venus sets at 10 at night.
28	9	17	28	22	20	Saturn sets at midnight.
29	10	18	25	22	12	Antares south at 9 at night.
30	11	19	22	22	4	Saturn south 6 h. 40 m. at night.

July, 1748.

Jupiter  
Rises Sou.

Last Quarter the 5th day, at 10 in the morn.	6	9	34	2 m 8
New Moon the 14th day, at 11 in the morn.	11	9	13	1 46
First Quarter the 22d day, at 8 in the morn.	16	8	53	1 24
Full Moon the 28th day, at midnight.	21	8	32	1 2
	26	8	10	0 38
		7	50	0 17

M	D	Holy Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	R	Sun rise 3 58	9 a 13	16 5	15 S 23	Lofty winds,
2	S	Visit. M. P.	9 27	0 X 51	9 17	and hasty
3	S	4 S. aft. Trin.	9 41	15 15	2 52	showers of
4	M	Sun sets at 8	9 56	21 16	3 N 29	8 14 8 rain.
5	T	Dies Comit.	10 10	12 7 50	9 28	* h 2
6	W	Cl. fast 5 m.	10 27	26 0	14 52	Cloudy, but
7	Th	Ho. à Beck.	10 48	8 8 49	19 27	fair, and in-
8	F	Sun rise 4 6	11 15	21 20	23 1	clin'd to heat.
9	S	Sun set 7 53	11 51	3 II 35	25 34	
10	S	5 S. aft. Trin.	Morn.	15 40	26 52	Serene and
11	M	Day 15 h 42 m	0 35	27 37	26 35	fine seasonable
12	T	Day de. 42 m.	1 32	9 28	25 42	weather.
13	W	Cl. fast 6 m.	2 33	21 18	23 18	☐ ☉ h. D Apog.
14	Th	Sun rise 4 13	D sets	3 Ω 6	19 58	Cloudy, and
15	F	St. Smithin.	8 a 17	14 56	15 47	unsettled wea-
16	S	Sun set 7 45	8 30	26 53	10 58	ther, some
17	S	6 S. aft. Trin.	8 42	8 7 55	5 43	sudden showers
18	M		8 54	21 7	0 11	of rain.
19	T	Dog-days beg.	9 7	3 33	5 S 27	
20	W	Cl. fast 6 m.	9 19	16 12	10 55	Curious re-
21	Th	Sun rise 4 22	9 37	29 8	15 59	freshing gales.
22	F	Barp Dag.	10 1	12 7 25	20 31	☐ h 3. Heat,
23	S	Sun set 7 34	10 30	26 3	24 7	with some thun-
24	S	7 S. aft. Trin.	11 21	10 1 5	26 22	der storms.
25	M	St. James.	Morn.	24 30	27 0	Dry pestiferous
26	T	St. Anne.	0 28	9 15	25 44	winds.
27	W	Day de. 1 30	1 53	24 14	22 36	* h 2. D Perige
28	Th	Cl. fast 5 m.	D rises	9 20	17 51	Hasty showers.
29	F	Sun rise 4 36	7 a 31	24 25	12 0	8 ☉ 14. Fine,
30	S	Sun set 7 23	7 49	9 15	5 35	serene, and
31	S	8 S. aft. Trin.	8 3	23 49	1 N 1	pleasant air.

Wing.	Day	Saturn m	Decl.	Jupiter m	Decl.	Mars m	Decl.	Venus m	Decl.
	1 <sup>a</sup>	8	9 S 54 20	47	15 S 32 19	1	23 N 18 0	13	10 N 23
	6 <sup>a</sup>	12	9 56 20	16	15 43 22	16	22 38 2	30	8 44
July	11 <sup>a</sup>	19	9 59 19	43	15 54 25	30	22 44	8	7 14
1748.	16 <sup>a</sup>	30	10 5 19	8	16 9 28	44	21 28 4	50	5 30
	21 <sup>a</sup>	41	10 10 18	31	16 19 1	57	20 48 4	45	5 0
	26 <sup>a</sup>	56	10 16 17	52	16 32 5	10	20 43	40	4 28

O	N	Sun's Place.	Sun's Declin.
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## Observations.

1	12	20	19	21	56	Venus sets 9 h. 33 m. at night.
2	13	21	17	21	47	Saturn sets 11 h. 43 m. at night.
3	F	22	14	21	38	
4	15	23	11	21	28	Mercury sets 1 h. 10 m. after the ☉.
5	16	24	8	21	18	Commencement-day at Cambridge.
6	17	25	6	21	8	Seven Stars rises 11 h. 29 m. at night.
7	18	26	3	20	58	
8	19	27	0	20	47	Day 16 h. long, decreased 36 m.
9	20	27	58	20	36	Hand of Antinous south at midnight.
10	F	28	55	20	24	
11	22	29	52	20	12	Sun enters ♋ 15 m. past 3 afternoon.
12	23	♋	50	20	0	Head of Serpentarius south 9 at night.
13	24	1	47	19	48	
14	25	2	44	19	34	The Sun eclipsed, visible at 11 morn.
15	26	3	42	19	21	
16	27	4	39	19	8	
17	F	5	36	18	54	<i>At this Eclipse two angry Stars appear;</i>
18	29	6	34	18	40	<i>Mars to old Saturn darts his hateful Square;</i>
19	30	7	31	18	25	<i>Hence follows Quarrels from their proper Cause,</i>
20	31	8	29	18	10	<i>Some for Religion, some for the Nations Laws;</i>
21	A	9	26	17	55	<i>The Land's uneasy, some great Ones do repine,</i>
22	2	10	24	17	40	<i>So doth the Farmer, so doth the Divine.</i>
23	3	11	21	17	24	
24	F	12	19	17	8	Venus sets at 8 at night, and Saturn
25	5	13	16	16	52	sets at 10.
26	6	14	14	16	35	Seven Stars rises 10 h. 10 m. at night.
27	7	15	11	16	18	Day 15 h. long, decreased 1 h. 36 m.
28	8	16	9	16	1	The ☿ eclipsed, visible at 11 at night.
29	9	17	6	15	44	
30	10	18	4	15	26	Draco south at 9 at night.
31	F	19	2	15	8	Princess Augusta born, 1737.



August, 1748.

Days Jupiter  
Sun. Sets.

Last Quarter the 4th day, at 11 at night.

11 24 8 4 m 14

New Moon the 13th day, at 3 in the morn.

6 11 27 3 51

First Quarter the 20th day, at 4 afternoon.

11 11 6 3 29

Full Moon the 27th day, at 8 morning.

16 10 46 3 8

21 10 24 2 45

26 10 4 2 24

M.D.	W.D.	Holy Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Lammas-day.	8 2 19	7 7 57	7 N 22	♂ ☉ ♀
2	T	Sun rise 4 43	8 35	21 40	13 10	Lofty winds
3	W	Sun set 7 15	8 54	4 8 56	18 9	and sudden
4	Th	Day 14 h 30 m	9 19	17 46	22 8	showers.
5	F	Day dec. 2 h.	9 42	0 11 16	24 57	Pleasant and
6	S	Transfig.	10 37	12 30	26 36	♂ ♃ ♀ more
7	S	S. aft. Trin.	11 32	24 29	27 0	settled weather.
8	M	Sun rise 4 54	Morn.	6 23 21	26 7	♂ ☉ ♀
9	T	Sun set 7 5	0 28	18 9	24 1	☽ Apoge
10	W	Laurence.	1 36	29 57	20 53	Wind and rain.
11	Th	Cl. fast 3 m.	2 49	11 12 48	16 55	♂ ♃ ♂
12	F	☽ sets	23 45	12 16	16	Thunder corrup-
13	S	Day de. 2 30	6 a 56	5 12 50	7 7	cations and
14	S	S. aft. Trin.	7 8	18 5	1 36	sickly air.
15	M	Assumption.	7 21	0 23 31	4 S 3	* ☉ ♃
16	T	Day 13 h 45 m	7 33	13 10	9 27	Indifferent good
17	W	Sun rise 5 10	7 50	26 2	14 52	harvest wea-
18	Th	Sun set 6 48	8 10	9 12 8	19 29	ther, but some-
19	F	Cl. fast 1 m.	8 43	22 27	23 14	what windy.
20	S	Bernard.	9 21	6 1 5	25 51	Small showers
21	S	S. aft. Trin.	10 17	19 57	26 56	♂ ♂ ♀ of rain.
22	M	Day dec. 3 6	11 29	4 12 7	26 19	Fine weather.
23	T	Cl. slow 1 m.	Morn.	18 32	23 44	☽ Perige
24	W	S. Bartholom.	0 58	3 10 10	19 53	Some thunder
25	Th	Sun rise 5 25	1 30	17 55	14 36	and hasty
26	F	Sun set 6 33	3 0	2 12 43	8 27	showers of
27	S	Dog-days end	☽ rises	17 26	1 55	rain or hail.
28	S	S. aft. Trin.	6 a 31	1 12 55	4 N 40	Variable.
29	M	Desol. J. B.	6 47	16 5	10 47	* ♃ ♀
30	T	Sun rise 5 35	7 8	29 49	16 13	Calm, dry
31	W	Sun set 6 23	7 22	13 8 9	20 40	weather.



Wing.	♂	Saturn	Jupiter	Mars	Venus
		♄ Decl.	♃ Decl.	♂ Decl.	♀ Decl.
	13	16 10 S 24 16	56 16 S 48 9	1 19 N 6 11 10 4 N 10	
Aug.	63	35 10 32 16	27 16 58 12	13 18 14 28	24 4 27
1748.	113	54 10 41 15	49 17 10 15	24 17 20 25	20 5 11
	164	17 10 50 15	13 17 20 18	36 16 22 22	36 6 6
	214	42 10 59 14	40 17 31 21	46 15 24 20	24 7 10
	265	7 11 9 14	10 17 41 24	57 14 22 19	28 6

O	N	Sun's	Sun's
S	S	Place.	Declin.

### Observations.

1	12	20	0	14	N	50	Saturn sets 9 h. 43 m. at night.
2	13	20	57	14	32	Mars rises 3 h. 33 m. in the morning.	
3	14	21	55	14	14		
4	15	22	52	13	55		
5	16	23	50	13	36	Day 14 h. 30 m. long, decr. 2 h. 6 m.	
6	17	24	48	13	17	Lyra, or the shining harp south at 9	
7	F	25	46	12	57	at night, alt. 75° 45".	
8	19	26	44	12	27		
9	20	27	41	12	18		
10	21	28	39	11	58	Seven Stars rises 9 h. 15 m. at night.	
11	22	29	37	11	37	Sun enters ♍ at 26 m. past 9 at night.	
12	23	♌	35	11	17		
13	24	1	33	10	56	Day 14 h. long, decreased 2 h. 36 m.	
14	F	2	31	10	38		
15	26	3	29	10	15	Fomahant south at 9 at night.	
16	27	4	27	9	53		
17	28	5	25	9	32	Saturn sets at 9 at night.	
18	29	6	23	9	11	Mars rises at half an hour after 2 in	
19	30	7	21	8	49	the morning.	
20	31	8	19	8	28	Day decreased 3 h. 6 m.	
21	F	9	18	8	6		
22	S.	10	16	7	44	Mercury with fiery Mars doth now appear,	
23	3	11	14	7	22	Having before join'd Heaven's Charioteer;	
24	4	12	12	7	0	Heat begets Heat, and Flames do Flames create,	
25	5	13	11	6	37	Here's Matter lodg'd for fiery bleeding Fate's	
26	6	14	9	6	15	'Twill stir up Mischief, and will make some rage,	
27	7	15	7	5	52	In Rome, France, Germany, and Britain too.	
28	F	16	6	5	30		
29	9	17	4	5	7	Day 13 h. long, decreased 3 h. 36 m.	
30	10	18	2	4	44	Seven Stars rises at 8 at night.	
31	11	19	1	4	21	Hand of Antinous south at 9 at night.	

September, 1748.

Jupiter  
Son. Sets.

Last Quarter the 3d day, at 3 afternoon.

New Moon the 11th day, at 6 in the even.

First Quarter the 18th day, at 11 at night.

Full Moon the 25th day, at 6 in the even.

M.	D.	Holy-Days, O riles & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	E	Wills.	7 a 53	25	23 N	59 Ruffling winds,
2	F	London burnt	8 36	8 II	44 26	6 and heavy
3	S	A. D. 1666.	9 23	20 47	26 52	showers of rain.
4	S	13 S. aft. Trin.	10 27	25 48	26 15	More calm
5	M	Sun rise 5 47	11 34	14 38	24 38	and settled.
6	T	Sun set 6 11	Morn.	26 26	21 49	D Apoge
7	W	Cl. flow 5 m.	0 45	8 Ω	15 18	6 Moderate good
8	E	Pat. W. G.	1 55	20 8	13 39	weather, fair
9	F	Day dec. 4 15	3 16	2 ♉	11 8	37 and settled,
10	S		4 20	14 27	3 12	and continues
11	S	14 S. aft. Trin.	D sets	26 57	2 S	23 so for some
12	M	Equal D & N.	5 a 50	9 ♋	41 8	2 * ☉ ♄. days.
13	T	Day br. 4 0	6 7	22 39	13 17	Windy, and
14	W	Holy Rood.	6 25	5 ♋	52 18	19 * ♄ some
15	E	Cl. flow 9 m.	6 54	19 16	22 20	hasty showers
16	F	Day dec. 4 45	7 29	2 ♋	51 25	13 of rain.
17	S		8 21	16 35	26 40	Close, foggy
18	S	15 S. aft. Trin.	9 28	0 ♋	28 26	27 weather, but
19	M	Sun rise 6 15	10 42	14 30	24 33	* ♄ ♄ not
20	T	Sun set 5 45	Morn.	28 39	21 5	D Perige
21	W	St. Matthew.	0 20	12 ♋	55 16	15 much rain
22	E	Ember Week.	1 45	27 17	10 42	at present.
23	F	Day dec. 5 10	3 14	11 ♋	40 4	18 Δ ☉ ♄
24	S	Cl. flow 12 m.	4 36	26 1	2 N	12 Cold storms
25	S	16 S. aft. Trin.	D rises	10 ♋	11 8	17 of rain, and
26	M	S. Cyprian.	5 a 22	24 8	13 56	high winds.
27	T	Sun rise 6 30	5 41	7 ♋	46 18	45 The weather
28	W	Sun set 5 28	6 7	21 2	22 32	now clears up,
29	E	St. Michael.	6 45	3 II	55 25	6 and becomes
30	F	St. Jerom.	7 29	16 27	26 23	more temperate.

Wing.	Day	Saturn m	Decl.	Jupiter m	Decl.	Mars Ω	Decl.	Venus Ω	Decl.
Sept.	1	41	11	38	17	45	13	31	18
	6	31	11	26	17	55	13	57	19
	11	41	11	58	18	0	5	49	21
1748.	16	31	11	45	18	3	8	38	23
	21	45	12	37	18	6	11	27	26
	26	39	12	32	18	7	14	16	24

S	Z	Sun's Place.	Sun's Declin.
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### Observations.

1	12	19	59	3	N 58	Head of Andromeda south at midnight.
2	13	20	58	3	35	
3	14	21	57	3	12	
4	F	22	55	2	49	Day 12 h. 30 m. long, dec. 4 h. 6 m.
5	16	23	54	2	26	
6	17	24	52	2	2	Venus rises at 3 in the morning.
7	18	25	51	1	39	Mars rises 30 m. after Venus.
8	19	26	50	1	16	Saturn sets 7 h. 30 m. at night.
9	20	27	49	0	52	
10	21	28	48	0	29	
11	F	29	46	0	6	Equal Day and Night, dec. 4 h. 36 m.
12	23	2	45	0	S 18	Seven Stars rises at 7 at night, and are
13	24	1	44	0	41	south 30 m. after 3 in the morning.
14	25	2	43	1	5	
15	26	3	42	1	28	Fomahant south 10 h. 32 m. at night.
16	27	4	41	1	52	Moon eclipses Cor m, at 6 even. invis.
17	28	5	40	2	15	
18	F	6	39	2	38	Bright Star in the Tail of ♄ south at
19	30	7	38	3	2	9 at night. Altitude 20 degrees.
20	O.	8	37	3	25	Day 11 h. 30 m. long, decr. 5 h. 6 m.
21	2	9	37	3	49	
22	3	10	36	4	12	
23	4	11	35	4	35	Venus rises 2 h. 30 m. in the morning.
24	5	12	34	4	58	Mars rises 3 h. 34 m. in the morning.
25	F	13	33	4	21	Saturn sets 6 h. 30 m. at night.
26	7	14	33	5	44	Sirius south 5 h. 42 m. in the morning.
27	8	15	32	6	7	Day 11 h. long, decreased 5 h. 36 m.
28	9	16	32	6	30	Moon eclipses Seven Stars at 9 at night.
29	10	17	31	6	53	
30	11	18	30	7	16	



October, 1748.

Jupiter  
Sou. Sets.

East Quarter the 3d day, at 10 in the morn.	1	7	48	02	5
New Moon the 11th day, at 8 in the morn.	6	7	30	11	48
First Quarter the 18th day, at 7 in the morn.	11	7	11	11	29
Full Moon the 25th day, at 7 in the morn.	16	6	53	11	11
	21	6	36	10	56
	26	6	18	10	39

Holy Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 S Remigius.	8 a 23	28 40	26N 22	Mild and tem-
2 17 S. aft. Trin.	9 30	10 41	25	perate weather.
3 M Sun rise 6 42	10 38	22 23	22 38	1 Apoge
4 T Sun set 5 16	11 49	4 19	19 13	* 8 8
5 W Cl. flow 14 m.	Morn.	16 10	15	1 6 h 8 Dry
6 Faith Virg.	1 0	28 5	10	4 winds and
7 F Sun rise 6 50	2 13	10 13	4 51	* h 8 Frosty
8 S Sun set 5 8	3 36	22 37	0 S 40	□ 4 8 air.
9 18 S. aft. Trin.	4 39	5 21	6 15	Blust'ring winds
10 M Day dec. 6 18	5 53	18 20	11 38	and frequent
11 T K. Geo. II. cr.	6 sets	1 40	16 40	showers of
12 W Day 10 hours.	5 a 2	15 15	21 6	rain.
13 Sun rise 7 0	5 35	29 4	24 21	Cloudy, close
14 F Calistus.	6 25	13 1	226 13	and misty
15 S Sun set 4 54	7 27	27 5	26 26	weather.
16 19 S. aft. Trin.	8 46	11 12	24 52	Rough winds.
17 M Cl. flow 16 m.	10 4	25 18	21 46	1 Perige
18 T St. Luke.	11 37	9 24	17 24	Wind and
19 W Sun rise 7 12	Morn.	23 28	12 2	showers.
20 Sun set 4 46	1 6	7 31	6 6	* 8 8
21 F Ursula.	2 24	21 30	0 N 6	Dull, heavy
22 S Ps. Orange b.	3 48	5 25	6 16	obscure wea-
23 20 S. aft. Trin.	5 7	19 11	12 2	6 0 h ther.
24 M Term begins.	6 20	2 45	17 10	Dark, cold and
25 T Crispin.	7 rises	16 5	21 19	□ 0 4 cloudy
26 W Cl. flow 16 m.	4 a 4	29 7	24 19	weather, and
27 Pr. H. Fred b.	5 16	11 5	26 4	hurtful fogs.
28 F S. Sim. & Jude.	6 16	24 19	26 26	Very unsettled
29 S Sun rise 7 31	7 18	6 18	25 30	weather.
30 21 S. aft. Trin.	8 24	18 30	23 19	K. Geo. II. born.
31 M Sun set 4 26	9 33	0 19	20 13	1 Apoge.



Wing.	Days	Saturn ♄   Dec.		Jupiter ♃   Deel.		Mars ♂   Dec.		Venus ♀   Dec.		
	1	8	54	12 S 25	12 D 34	18 S 6	17 39	6 N 3	4 21	3 N 20
	6	9	29	12 36	12 41	18 3	20 47	4 49	8 38	7 25
Oct.	11	10	4	12 48	12 53	17 59	23 55	3 35	13 10	6 16
	16	10	38	13 0	13 9	17 54	27 22	21 17	58 4	53
1748.	21	11	15	13 11	13 29	17 46	♄ 9	1 6	22 57	3 22
	26	11	51	13 22	13 55	17 36	3 16	0 S 8	28 9	1 41

☉	☿	Sun's Place.	Sun's Declin.
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### Observations.

1	12	19	30	7 S 38	Sirius, or the great Dog-Star south
2	F	20	30	8 1	20 m. after 5 in the morning.
3	14	21	30	8 23	
4	15	22	29	8 45	Day 10 h. 30 m. long, decr. 6 h. 6 m.
5	16	23	29	9 8	Seven Stars south at 2 in the morning
6	17	24	28	9 30	
7	18	25	28	9 32	Venus rises about half an hour after 2
8	19	26	28	10 13	in the morning, and Mars at half an
9	F	27	28	10 35	hour after 3 all this Month.
10	21	28	27	10 56	Cambridge Term begins 11th Day.
11	22	29	27	11 18	Day 10 h. long, decreased 6 h. 36 m.
12	23	☿	27	11 39	Sun enters ♈ at 1 in the morning.
13	24	1	27	12 0	
14	25	2	27	12 20	Pomahant south 8 h. 45 m. at night.
15	26	3	27	12 41	
16	F	4	27	13 1	
17	28	5	27	13 21	
18	29	6	27	13 41	
19	30	7	27	14 1	Day 9 h. 30 m. long, decr. 7 h. 6 m.
20	31	8	28	14 20	Max. elong. ♀ 46° 34'.
21	N.	9	28	14 40	Seven Stars south at 1 in the morning.
22	2	10	28	14 59	Sirius south at 4 in the morning.
23	F	11	28	15 17	
24	4	12	28	15 36	Head of Andromeda south at 9 at night.
25	5	13	29	15 54	
26	6	14	29	16 12	Moon eclipses Seven Stars at 6 morn.
27	7	15	29	16 30	Day 9 h. long, decreased 7 h. 36 m.
28	8	16	30	16 47	
29	9	17	30	17 5	Cassiopeas Chair south at 9 at night.
30	F	18	31	17 21	Mercury sets 1 h. 3 m. after the Sun.
31	11	19	31	17 38	

November, 1748.

Jupiter  
Sou. Sets.

Last Quarter the 2d day, at 7 in the morn.

New Moon the 9th day, at 8 at night.

First Quarter the 16th day, at 3 afternoon.

Full Moon the 23d day, at 11 at night.

1	5	56	10	17
6	5	38	10	0
11	5	20	9	44
16	5	2	9	27
21	4	42	9	9
26	4	24	8	53

M	D	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	All Saints.	10 a 44	12 ♋ 7	16 N 18	Temperate and
2	W	All Souls.	11 56	23 56	11 44	dry, but some-
3	T	Sun rise 7 40	Morn.	5 m 54	6 42	* ♄ ☿ what
4	F	Sun set 4 20	1 0	18 15	1 13	windy.
5	S	Powder-Plot.	2 14	0 ♋ 51	4 S 15	♂ ☿ ♀
6	S	22 S. aft. Trin.	3 27	13 18	9 43	Cold windy
7	M	Cl. flow 15 m.	4 49	26 29	14 57	weather, with
8	T	Day dec. 8 h.	6 10	10 m 4	19 35	snow or fleet.
9	W	Theodosius.	D sets	23 59	23 17	Heavy rains.
10	T	Sun rise 7 50	4 a 11	8 ♋ 11	25 42	* ♄ ☿
11	F	Martinmas.	5 14	22 35	26 25	♄ ♄ ♀ . * ♀ ☿
12	S	Sun set 4 8	6 28	7 ♋ 6	25 19	* ♂ ☿
13	S	23 S. aft. Trin.	7 51	21 34	22 32	Wind and rain.
14	M	Pr. W. Hen. b.	9 20	5 m 57	18 20	D Perige
15	T	Bachutus.	10 48	20 13	13 6	Cold, dark,
16	W	Cl. flow 12 m	Morn.	4 ♋ 19	7 17	♄ ♄ ♂ and
17	T	Sun rise 8 0	0 7	18 15	1 8	drizzling rains.
18	F	Sun set 4 0	1 30	1 ♋ 59	4 N 57	* ☉ ☿
19	S	Prs. Wales b.	2 51	15 32	10 42	Frosty air,
20	S	24 S. aft. Trin.	3 38	28 54	14 47	and variable
21	M	Day 8 hours.	4 26	12 8	5 20	weather.
22	T	Cecilia.	6 42	24 3	23 31	High winds,
23	W	Sun rise 8 5	D rises	7 ♋ 47	25 36	with storms
24	T	Sun set 3 55	4 a 1	20 15	26 23	of snow or
25	F	Catherine.	4 56	25 32	25 48	cold rain.
26	S	Day dec. 8 40	6 0	14 38	24 0	Frost, with
27	S	Advent-Sund.	7 10	26 33	21 8	snow or fleet.
28	M	Term ends.	8 21	8 ♋ 23	17 25	* ☉ ♄
29	T	Cl. flow 7 m.	9 30	20 11	13 0	D Apoge
30	W	St. Andrew.	10 39	2 m 1	8 11	Dry winds.

Wing.	♄	Saturn	Jupiter	Mars	Venus
		♄   Dec.	♃   Decl.	♂   Dec.	♀   Decl.
	1 12	35 13 S 36 14	31 17 S 27 7	0 15 S 33 4	32 0 S 28 23
	6 13	11 13 46 15	6 17 16 10	6 2 51 9	59 2 23
Nov.	12 13	46 13 56 15	46 17 4 15	11 4 3 15	35 4 20
	16 14	21 14 6 16	28 16 50 16	16 6 14 21	19 16 30
1748.	21 14	55 14 16 17	14 16 37 19	21 6 28 26	58 8 16
	26 15	28 14 24 18	4 16 21 22	25 7 36 27	47 10 15

☉	☽	Sun's	Sun's	Observations.	
☉	☽	Place.	Declin.		
1	12	20	32 17 S	54	
2	13	21	32 18	10	<i>Consults on foot, th' oppressed hope for Peace,</i>
3	14	22	33 18	26	<i>Even Europe's Tyrants want to be at Ease.</i>
4	15	23	33 18	41	<i>Will Lewis, think ye, accept of just Conditions,</i>
5	16	24	34 18	56	<i>Or yet disgorge his unjust Acquisitions?</i>
6	F	25	34 19	10	<i>'Tis we the Terms of Peace may justly fear;</i>
7	18	26	35 19	25	<i>Have Frenchmen ever yet been found sincere?</i>
8	19	27	36 19	39	
9	20	28	37 19	53	Pole Star on the Meridian 9 at night.
10	21	29	37 20	6	Sun enters ♄ at 9 at night.
11	22	♄	38 20	19	
12	23	1	39 20	31	Mars and Venus rise nearly together,
13	F	2	40 20	43	soon after 3 in the morning.
14	25	3	40 20	55	
15	26	4	41 21	6	Day 8 hours long, decr. 8 h. 36 m.
16	27	5	42 21	17	
17	28	6	43 21	28	Seven Stars south at 11 at night.
18	29	7	44 21	38	Sirius, or the great Dog-Star south at
19	30	8	45 21	47	2 in the morning.
20	F	9	46 21	57	
21	D.	10	47 22	5	
22	3	11	48 22	14	
23	4	12	49 22	22	South Foot of Androm. sou. 9 at night.
24	5	13	50 22	29	Saturn rises 5 h. 24 m. in the morning.
25	6	14	51 22	37	Bright * of γ south 9 at night.
26	7	15	52 22	43	
27	F	16	53 22	49	Mars rises at 3 in the morning, and
28	9	17	54 22	55	Venus at 4.
29	10	18	55 23	c	Day 7 h. 30 m. long, decr. 9 h. 6 m.
30	11	19	56 23	5	Seven Stars south 10 h. 15 m. at night.











December, 1748.



Jupiter  
Sou. Sets.

Last Quarter the 2d day, at 3 in the morn. 1 4 5 8 40  
 New Moon the 9th day, at 8 in the morn. 6 3 46 8 18  
 First Quarter the 15th day, at midnight. 11 3 28 8 2  
 Full Moon the 23d day, at 4 afternoon. 16 3 9 7 45  
 Last Quarter the 31st day, at 9 at night. 21 2 52 7 30  
 26 2 34 7 15

M.D.	Holy-Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	<b>M</b> Virgilius.	11 2 48	13 $\pi$ 57	2 N 58	Sharp freezing
2	<b>F</b> Sun rise 8 11	Morn.	26 7	2 S 26	winds, with
3	<b>S</b> Sun set 3 48	1 3	8 $\Delta$ 31	7 49	some snow
4	<b>S</b> 2 S. in Advent.	2 9	21 19	13 6	or sleet.
5	<b>M</b> Cl. flow 4 m.	3 28	4 $\pi$ 30	17 54	Cold rain and
6	<b>T</b> Nicholas.	4 49	18 7	21 55	much winter-
7	<b>W</b> Q. Den. bor.	6 11	2 $\uparrow$ 11	24 53	$\delta$ $h$ $\eta$ like
8	<b>T</b> Conc. M. D.	7 28	16 36	26 18	weather.
9	<b>F</b> Sun rise 8 13	D sets	1 $\nu$ 20	25 57	Wet and stormy
10	<b>S</b> Sun set 3 47	5 2 10	16 12	23 40	weather.
11	<b>S</b> 3 S. in Advent.	6 42	1 $\omega$ 7	19 47	$\square$ $\uparrow$ $\eta$ . D Perige
12	<b>M</b> Clocks true.	8 10	15 54	14 40	* $\odot$ $\delta$
13	<b>T</b> Lucia Virg.	9 39	0 $\times$ 29	8 49	Wholesome N.
14	<b>W</b> Ember Week.	11 2	14 48	2 32	winds and sea-
15	<b>T</b> Sun rise 8 12	Morn.	28 49	3 N 41	sonable frosts.
16	<b>F</b> D Sapient.	0 24	12 $\nu$ 32	9 35	
17	<b>S</b> Sun set 3 48	1 43	25 55	14 56	Rough winds,
18	<b>S</b> 4 S. in Advent.	3 3	9 8	2 19	22 and storms of
19	<b>M</b> Day 7 h 38 m.	4 20	23 53	22 53	19 snow or rain.
20	<b>T</b> Clo. fast 4 m.	5 29	4 $\Pi$ 31	25 15	20 Dark, drizzling
21	<b>W</b> St. Thomas.	6 27	16 56	26 20	21 weather still
22	<b>T</b> Demetrius.	7 26	29 10	26 5	22 continues.
23	<b>F</b> Sun rise 8 8	D rises	11 $\omega$ 15	24 35	23 Cold winds,
24	<b>S</b> Sun set 3 52	4 2 40	23 12	21 58	24 and cloudy.
25	<b>S</b> Christm. Day.	5 53	5 $\Omega$ 3	18 26	25 D Apoge
26	<b>M</b> St. Stephen.	7 2	16 52	14 12	26 Sharp frosty
27	<b>T</b> St. John.	8 12	28 40	9 28	27 winds, but
28	<b>W</b> H. Innocents.	9 18	10 $\pi$ 33	4 20	28 * $\odot$ $h$ for
29	<b>T</b> Day inc. 18 m.	10 31	22 31	0 S 57	29 the most part
30	<b>F</b> Pro Eliz. bor.	11 41	4 $\Delta$ 39	6 19	30 fair.
31	<b>S</b> Silvester.	0 m 5 2	17 3	11 29	31 Some snow.



Wing.		Saturn		Jupiter		Mars		Venus
		Decl.		Decl.		Decl.		Decl.
Dec.	116	014S	3218	5616S	525	298S	458	4128S
1748.	616	3114	4219	5115	4728	329	5114	3714
	1117	114	4920	5015	2917	3410	5620	3415
	1617	3014	5721	4915	124	3512	126	3417
	2117	5515	522	5014	497	3712	5921	3618
	2618	2115	1023	5314	2810	3713	588	4019

		Sun's Place.	Sun's Declin.	Observations.
1	12	20	5723S	10
2	13	21	5823	14 Mars rises at 3 in the morning.
3	14	23	023	17 Seven Stars south at 10 at night.
4	F	24	123	20
5	16	25	223	22 Sirius south at 1 in the morning.
6	17	26	323	24 Saturn and Venus rises together at half
7	18	27	423	26 an hour past 4 in the morning.
8	19	28	523	28 Mandibula south at 9 at night.
9	20	29	623	28 Days decreased 9 h. 12 m.
10	21	30	723	28 Shortest Day at Stamford, 7 h. 24 m.
11	F	1	923	28 Seven Stars south 9 h. 30 m. at night.
12	23	2	1023	27
13	24	3	1123	26
14	25	4	1223	24
15	26	5	1323	22 Sirius south at midnight.
16	27	6	1423	20 Cambridge Term ends.
17	28	7	1623	17
18	F	8	1723	13 Seven Stars south at 9 at night.
19	30	9	1823	9 Moon eclipses 7 *'s 8 h. 20 m. at night.
20	31	10	1923	4
21	J.	11	2023	59
22	2	12	2223	54 Day 7 h. 30 m. long, increas. 6 min.
23	3	13	2323	48
24	4	14	2423	42
25	E	15	2523	35 Saturn and Mars in Scorpio fix their Stage,
26	6	16	2623	28 Some Northern Countries sure will feel their Rage.
27	7	17	2723	20 Now treacherous France once more may find a Way,
28	8	18	2823	12 Occasional Rebellion to display :
29	9	19	2923	3 All Hands aloft, ward off that secret Hate,
30	10	20	3023	54 That seeks to overturn our Church and State.
31	11	21	3223	45 Aldebaran south at 9 at night.

# The Longitude and Declination of Mercury for the Year 1748.

Days	Janua.	Febru.	March	April	May	June
1	29 18	15 48	8 59	10 45	27 30	26 39
4	3 7	21	2 13	17 9	18 51	3 2
7	7 10	26 23	16 43	9 2	6 31	9 15
10	11 24	1 51	19 5	9 16	11 31	15 6
13	15 45	7 29	20 22	10 12	16 51	20 40
16	20 13	13 12	20 30	11 55	22 32	25 53
19	24 46	18 59	19 34	14 6	28 34	0 49
22	29 25	24 45	17 50	16 49	4 47	5 26
25	4 12	0 25	15 38	20 0	11 16	9 40
28	9 7	5 45	13 21	23 33	17 55	13 33
	July	August	Sept.	Octob.	Nov.	Dec.
1	17 3	20 19	9 40	1 49	12 56	0 44
4	20 9	17 52	15 19	6 27	15 8	2 32
7	22 48	16 4	20 56	11 0	16 19	5 15
10	24 57	15 6	26 28	15 22	16 12	8 26
13	26 31	15 18	1 54	19 40	14 32	12 2
16	27 25	16 42	7 12	23 54	11 23	16 0
19	27 36	19 17	12 22	28 1	7 18	20 4
22	26 59	22 56	17 26	1 56	3 32	24 25
25	25 38	27 23	22 21	5 37	0 58	28 46
28	23 41	2 25	27 7	9 2	0 7	3 11

## The Declination of Mercury to every Fifth Day.

Days	1	6	11	16	21	26
January	22 S 42	23 17	23 25	23 2	22 8	20 43
February	18 S 4	15 23	11 52	7 54	3 50	1 N 5
March	4 N 29	8 5	10 24	11 3	10 5	7 51
April	4 52	3 0	2 8	2 22	3 34	5 25
May	7 52	10 44	13 57	17 14	20 23	22 58
June	24 46	25 6	24 19	22 42	20 36	18 11
July	15 35	13 5	11 1	9 24	8 34	8 44
August	10 23	12 25	14 11	15 4	14 48	13 8
September	9 35	5 57	2 4	1 S 52	5 40	9 16
October	12 S 36	15 40	18 26	20 48	22 43	24 5
November	24 55	24 50	23 51	21 46	19 18	17 38
December	17 50	18 51	20 19	21 48	23 0	23 48

# W I N G.

A

## PROGNOSTICATION,

For the Year of our

LORD GOD, 1748.

An Explanation of the Characters made use of in  
this Almanack.

### The Seven Planets and Five Aspects.

♄	Saturn
♃	Jupiter
♂	Mars
☉	The Sun
♀	Venus
☿	Mercury
☾	The Moon
♊	Conjunction
♋	Sextile
♌	Square
♍	Trine
♎	Opposition

Aspects.

### The Twelve Signs.

♈	Aries
♉	Taurus
♊	Gemini
♋	Cancer
♌	Leo
♍	Virgo
♎	Libra
♏	Scorpio
♐	Sagittary
♑	Capricorn
♒	Aquarius
♓	Pisces

LANDS Surveyed, and MAPS of the same curiously  
drawn; Designs and Estimates for Buildings or Re-  
pairs made and calculated; Artificers Work in-  
spected and measur'd; also Timber and Pole-  
Wood Survey'd, Valu'd, and Sold, by TYCHO  
WING of *Pickworth* in the County of Rut-  
land, and his Son *John Wing*.



# Wing 1748.

## I. A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J.	before Christ.		Years since.
710	4004	The Creation of the World	5752
1766	2948	Noah Born	4696
2366	2348	Noah's Flood began	4096
2481	2233	The Babylonian Monarchy established	3981
2718	1996	Abraham born	3744
2986	1728	Joseph sold into Egypt	3476
3143	1571	Moses born	3319
3223	1491	The Israelites Departure out of Egypt	3239
3530	1184	Troy taken and destroy'd by the Greeks	2932
3710	1004	Solomon's Temple built and dedicated	2752
4126	588	Jerusalem and the Temple destroy'd	2336
4176	538	Daniel delivered from the Den of Lions	2286
4198	516	The Temple of Jerusalem rebuilt	2264
4391	323	The Death of Alexander the Great	2071
4710	4	The true Year of Christ's Birth	1752
4714	0	The vulgar Year of Christ's Birth	1748

A.D.		
33	The Passion and Resurrection of Jesus Christ	1715
70	Jerusalem and the Temple destroyed by Titus	1678
100	St. John, the last of the Apostles, dies, Dec. 20.	1648
313	Christianity triumphs under Constantine	1435
476	Augustulus the last Roman Emperor deposed	1272
606	The wicked Phocas makes Pope Boniface Head of the Church	1142
608	Mahomet broaches his Imposture at Mecca	1140
872	Italy and Rome plundered by the Saracens	876
1012	Swein King of Denmark conquers England	736
1066	William Duke of Normandy conquers England	682
1110	Arts and Sciences taught in Cambridge	632
1119	The first War between the French and English	629
1300	The Mariners Compass invented	448
1330	The Canaries discovered by an English Ship	418
1380	Gunpowder and the Use of Guns first found out	368
1453	Constantinople taken from the Christians	297

A D.



# Wing 1748.

A.D.		Years since.
1463	The <i>Persians</i> conquer'd by <i>Tamerlane</i>	285
1500	<i>Rome</i> plunder'd by the Duke of <i>Bourbon</i>	248
1517	<i>Martin Luther</i> first disputed against Popery	231
1536	<i>England</i> separated from the Church of <i>Rome</i>	212
1588	The <i>Spanish Armado</i> defeated by the <i>English</i>	160
1603	<i>Q. Eliz.</i> dies, <i>March 24.</i> and <i>K. James I.</i> began	145
1604	Died of the Plague in <i>Lond.</i> in 2 Years 68,596	144
1605	Gunpowder Treason, <i>Nov. 5.</i>	143
1613	The New River Water brought to <i>London</i>	135
1618	The excellent Sir <i>Walter Raleigh</i> beheaded	130
1625	<i>K. James I.</i> died. <i>K. Charles I.</i> began, <i>Mar. 27.</i>	123
1625	35,417 Persons died of the Plague in <i>London</i>	123
1641	The cruel <i>Irish</i> Massacre began, <i>October 23.</i>	107
1643	<i>Burleigh-house</i> storm'd by <i>Cromwel</i> , <i>July 24.</i>	105
1649	<i>K. Charles I.</i> barbarously murdered, <i>Jan. 30.</i>	99
1660	<i>King Charles II.</i> restored, <i>May 29.</i>	88
1665	68,586 Persons died of the Plague in <i>London</i>	83
1666	<i>London</i> burnt, and a great Sea-Fight with the <i>Dutch</i>	82
1672	War declared against the <i>Dutch</i> , <i>March 17.</i>	76
1674	A great Snow for 11 Days together	74
1675	The Town of <i>Northampton</i> burnt, <i>Sept. 3.</i>	73
1680	A great and splendid Comet appeared.	68
1684	The great Frost that held 13 Weeks	64
1685	<i>K. Cha. II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began	63
1685	The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	63
1688	Seven Bishops sent to the <i>Tower</i> , <i>June 8.</i>	60
1688	<i>King James II.</i> abdicated, <i>December 12.</i>	60
1689	<i>K. William</i> and <i>Q. Mary</i> crown'd, <i>April 11.</i>	59
1692	The <i>French Fleet</i> intirely defeated by the <i>English</i>	56
1698	<i>Whitehall</i> Palace intirely destroyed by Fire, except the <i>Ranquetting-House.</i>	50
1702	<i>K. William</i> died, <i>March 8.</i> and <i>Q. Ann</i> began	46
1702	<i>Q. Ann</i> proclaimed War against <i>France</i> , <i>May 4.</i>	46
1703	A great and terrible Wind, <i>Nov. 26.</i> and <i>27.</i>	45
1704	<i>Gibraltar</i> taken by the <i>English</i>	44
1707	<i>England</i> and <i>Scotland</i> united, <i>May 1.</i>	41
1709	<i>Sacheverell</i> preached his seditious Sermon <i>Nov. 5.</i>	39

# Wing 1748

A.D.		Years since.
1710	Riots and great Disturbances in England.	38
1714	Q. Ann died, Aug. 1. and K. George I. began	34
1715	A famous Total Eclipse of the ☉ in England, April 22. in the Morning	33
1715	A Rebellion in Scotl. and Lancashire suppress'd	33
1716	A great Frost in the Beginning of this Year	32
1718	The Spanish Fleet destroy'd by Admiral Byng, near Syracuse, July 31.	30
1719	A surprizing Meteor seen, March 19, at 8 at Night	29
	Mr. Flamsteed, a celebrated Astronomer, died December 31.	29
1727	The incomparable Sir Isaac Newton died Mar. 20.	21
1727	K. George I. died, June 11, and K. George II. began	21
1734	The Prince and Princess of Orange married, March 14.	14
	The Battle of the Breaches in Italy, Sept. 4.	14
1736	The Prince and Princess of Wales married, Ap. 27	13
1739	Letters of Marque published in London against the Spaniards, July 16.	9
1739	Adm. Vernon sails for the West-Indies, July 20.	9
1739	War declared by Great Britain against Spain, October 23.	9
1739	Porto-Bello taken and destroy'd by Admiral Vernon, Nov. 22.	9
1740	Fort Chagre taken and destroy'd, March 24.	8
1740	A very severe Frost from Dec. 25. to Feb. 27.	8
1742	A Comet appeared from Feb. 18. to Mar. 14.	6
	A Conjunction of ♀ and ♃ Aug. 18th in ♏	6
1743	A Splendid Comet appeared from December 23. to February 18. in ♊.	
1744	March 4 France declared War against England, and March 31. England declared War against France.	4
1745	Cape Breton taken from the French, June 16	3
1746	The Scotch Highland Rebels defeated by His Royal Highness the Duke of Cumberland, at Culloden, near Inverness, April 16.	2

II. An

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Wing 1748.

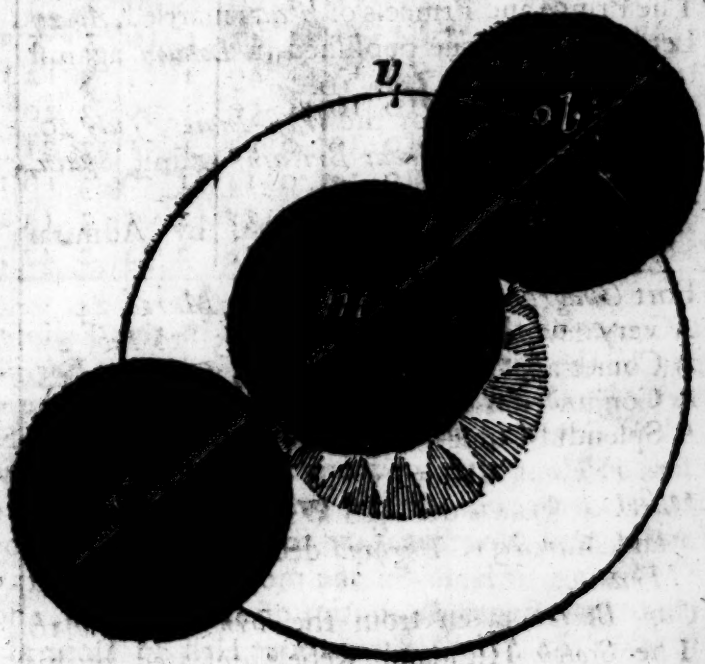
II. An Account of the ECLIPSES, and some other  
Astronomical Appearances, in the Year 1748.

**T**WICE this Year, will the Sun's radiant Disk be in Part obscured by the Interposition of the Moon's dark Body; and twice also will the Moon be in Part deprived of her borrowed Light, by this Globe of Earth passing between the Sun and Her.

The first Eclipse, is of the Sun, on *Tuesday* the 19th Day of *January*, at 3 in the Morning.

The second, is an invisible Eclipse of the Moon, on *Wednesday*, the 3d Day of *February*, at Noon.

The third, is a great and visible Eclipse of the Sun, on *Thursday* the 14th Day of *July* (near Noon) according to the following Type and Calculations; and is the most eminent and remarkable Eclipse of that sort, that will be seen in *England* in this Age. Note, *b* is the Place of the Moon's Center at the beginning of the Eclipse, *m* at the Middle, and *e* at the End of the Eclipse; *v* is the Verrical Point.



The apparent Times at *London* of the principal appearances of this Solar Eclipse, are as follows:

Beginning, *July* the 14th Day, 2 Minutes past 9 in the Morning; Middle, 34 Minutes past 10; and the End at 11 Minutes past Noon; Digits Eclipsed 10. Duration 3 Hours 9 Minutes.



Wing 1748.

The following Table shews the Times, Quantity, and Duration of this curious Annular Eclipse, at some other, the most eminent Cities and Towns in *Europe*.

☉ Eclipsed, July 14th before Noon.	Begin. H. M.	Middle H. M.	End H. M.	Durac. H. M.	Digits °
Lisbon ———	8 13	9 44	11 18	3 0	5 18
Madrid ———	8 49	10 22	11 57	3 8	6 13
Bourdeaux ———	9 2	10 40	0 17	3 15	8 21
Paris ———	9 18	10 52	0 31	3 13	9 25
Montpelier ———	9 25	11 3	0 43	3 18	7 45
Amsterdam ———	9 27	11 1	0 36	3 9	10 46
Turin ———	9 49	11 27	1 8	3 19	9 0
Genoa ———	9 52	11 32	1 10	3 18	8 36
Leipsick ———	10 10	11 48	1 23	3 13	11 0
Edinburgh ———	10 11	11 20	0 50	2 39	11 0
Copenhagen ———	10 11	11 43	1 16	3 5	11 12
Berlin ———	10 13	11 49	1 25	3 12	11 27
Rome ———	10 16	11 59	1 36	3 20	8 14
Naples ———	10 30	0 13	1 51	3 21	8 17
Vienna ———	10 34	0 14	1 50	3 16	10 25
Cracovia ———	10 54	0 32	2 5	3 11	anular.
Petersburgh ———	11 52	1 18	2 34	2 42	8 2

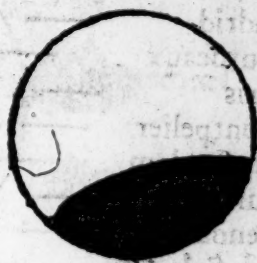
The Center of the Lunar Penumbra in this Eclipse, after hovering in the Air some little while, over the *English* Plantations in *North America*; it lands upon our Globe near to *Quebeck* in *Canada*, where the Sun rises Centrally Eclipsed about half an Hour after 4; from thence it makes its way to the *Atlantick Ocean*, or the great *Northern Seas*; leaving *Nova Scotia*, and *Newfoundland* to the South, and about 10 in the Morning, it lands on the most Northern Parts of *Scotland*, and traversing the Counties of *Strathnavern*, and *Cathness*, it takes the *British Seas*, about Half an Hour after 10; and passing by the Southern Coasts of *Norway*, *Denmark*, and *Sweden*, it lands on the Northern Parts of *Germany*, and passing by *Hamburg* and *Dantzick*, about Half an Hour after 11, it proceeds directly for the City of *Cracovia* in *Poland*.

## Wing 1748.

*Poland*, where it arrives 32 Minutes past Noon, (making every where in its Passage a Central and Annular Eclipse,) from *Cracow* it takes a Progress towards the South East, over Part of *Turkey*, in *Europe*, and the Southern Borders of *Persia*, and quits the Earth's Disk, not far from the Coasts of *Cromandel* in the *East Indies*, leaving the Sun centrally Eclipsed, at the Time of his setting; having in about 3 Hours and a Quarter travelled above six thousand Miles.

The fourth and last Eclipse, this Year, is on *Thursday* the 28th Day of *July*, at Half an Hour after 11 at Night, when the Moon will appear as in the following Type.

	D.	H.	M.
Beginning <i>July</i> 28	10	16	
Middle	11	26	
End	12	36	
Duration	2	20	
Digits Eclipsed	5	22	



On *Friday* the 26th Day of *February*, at 25 Minutes after 6 in the Evening, the Moon makes a near appulse to  $\pi$ , a Star of the 3d Magnitude in  $\alpha$   $26^{\circ} 20'$ , with  $2^{\circ} 2'$  North Latitude; the Latitude of the Moon at that Time is  $3^{\circ} 15'$  North, but as that is diminished by her Parallax, her visible Place will appear nearly the same with that of the Star.

Between the 3d and 4th Days of *March*, will be an exact Ecliptical Conjunction of *Mars*, and *Venus*, in  $\gamma$   $27^{\circ} 20'$ , neither of the Stars having any visible Geocentrick Latitude.

*March* the 4th, at 5 in the Morning, the Full Moon rises exactly in Conjunction with the Planet *Jupiter*.

The Moon Eclipses the seven Stars, on the 21st Day of *March*, at 6 at Night.

On the 26th Day of *June*, about a Quarter of an Hour before 9 at Night, the Moon makes a near approach to the Star *Antares*, or  $\gamma$  in the Meridian.

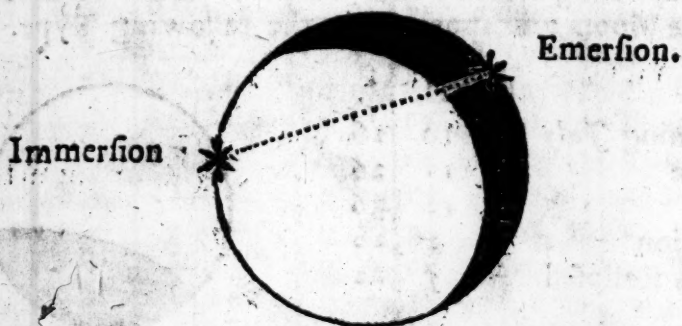
On the 9th Day of *July*, at Night, *Jupiter* is but one Minute distance from the Star  $\delta$  in  $\nu$ .

On *Friday*, the 5th Day of *August*, at Half an Hour past 4 in the Morning, the Moon will Eclipse some of the highest of the seven Stars.

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August the 21st in the Morning, Mars and Mercury may be seen in Conjunction, near to that eminent fixt Star Cor Leonis. Mercury will be with the Star on the 24th Day, and Mars on the 28th Day.

On Wednesday, the 28th Day of September, in the Evening, the Moon eclipses the seven Stars, the Immersion of the brightest of the 7 \*'s will be 2 Minutes after 9 at Night, and its Emerfion from behind the dark Part of the Moon's Disk, is at 52 Minutes after 9, as represented in the Type below.



The 21st Day of October, at Half an Hour after 2 in the Morning, Venus Eclipses,  $\beta$   $\eta$ , a Star of the 3d Magnitude in  $\eta$  23°, 26', with 41 Minutes North Latitude,

The Moon Eclipses the 7 \*'s on Wednesday, the 26th Day of October, at 30 Minutes after 6 in the Morning.

And again, on Monday, December the 19th, at half an Hour after 8 at Night.

### III. A Table of the Eclipses of Jupiter's first Satellite, for the Year 1748.

N.B. Those marked with a \* will be visible in England.

January.	Immersion.			Immersion.			Immersion.		
The Eclipses of J's Satellites cannot be observ'd this Month, by reason of J's Vicinity to the Sun.	February.			February.			March.		
	D.	H.	M.	D.	H.	M.	D.	H.	M.
	4	10	59	20	9	19	5	13	10
	6	5	28	22	3	47	7	7	39
	7	23	57	23	22	17	9	2	8
	9	18	26	25	16	46	10	20	37
	11	12	56	27	11	15	12	15	6
	13	7	23	29	5	44	14	9	35
	15	1	52	March.			16	4	4
	16	20	21	2	0	13	17	22	33
	18	14	50	3	28	41	19	17*	2

Immer-



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Immersions			Immersions.			Emerfions.			Emerfions.		
March.			May.			July			October.		
D.	H.	M.	D.	H.	M.	D.	H.	M.	D.	H.	M.
21	11	31	27	17	37	30	12	*56	4	0	58
23	6	0	29	12	*5	August.			5	19	27
25	0	29	31	6	33	1	7	*25	7	13	56
26	18	58	June.			3	1	54	9	8	*25
28	13	27	2	1	1	4	20	23	11	2	54
30	7	35	3	19	29	6	14	*52	12	21	23
April.			5	13	*57	8	9	*21	14	15	52
1	2	24	7	8	25	10	3	50	16	10	*21
2	20	53	9	2	53	11	22	19	18	4	50
4	15	22	10	21	21	13	16	48	19	23	19
6	9	50	12	15	49	15	11	*27	21	17	48
8	4	19	14	10	18	17	5	46	23	12	17
9	22	48	16	4	46	19	0	26	25	6	*46
11	17	17	17	23	14	20	18	45	27	1	14
13	11	46	19	17	42	22	13	*15	28	19	43
15	6	15	21	12	*10	24	7	*44	30	14	11
17	0	44	23	6	38	26	2	14	November.		
18	19	12	25	1	7	27	20	43	1	8	*40
20	13	41	26	19	36	29	15	13	3	3	8
22	3	10	28	14	*4	31	9	*42	4	21	37
24	2	38	30	8	33	September.			6	16	6
25	21	7	July.			2	4	11	8	10	34
27	15	*35	2	3	1	3	22	41	10	5	*3
29	10	4	3	28	30	5	17	10	11	23	31
May.			5	15	58	7	11	*39	13	18	0
1	4	32	7	10	*27	9	6	9	15	12	28
2	23	0	9	4	54	11	0	38	17	6	*57
4	17	29	10	23	24	12	19	7	19	1	26
6	11	57	12	17	52	14	13	37	20	19	54
8	6	25	14	12	*21	16	8	*6	22	14	23
10	0	54	16	9	49	18	2	36	24	8	*51
11	19	22	18	1	18	19	21	5	26	3	19
13	13	*51	19	19	46	21	15	34	27	21	47
15	8	19	21	14	*15	23	10	*3	29	16	15
17	2	47	23	8	*44	25	4	33	December.		
18	21	16	25	3	13	26	23	42	1	10	43
20	15	*44	26	21	42	28	17	31	3	5	*11
22	10	12	28	16	*10	30	12	0	4	23	39
24	4	41	29	8	0 24	October.			6	18	7
25	23	9				2	6	*29	8	12	35
										Emerfions.	

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Emerfions. December.	Emerfions. December.	Emerfions. December.	A TABLE for converting Hours and Minutes of Time into Degrees and Minutes of the Equator. See my laft Year's Alma- nack.
D. H. M.	D. H. M.	D. H. M.	
10 7* 3	19 3 23	26 5* 15	
12 1 31	20 21 51	27 23 43	
13 10 59	22 15 19	29 18 11	
15 14 27	24 10 47	31 12 39	
17 8 55			

The Eclipses of the rest of  $\mathcal{U}$ 's *Satellites* visible under the Meridian of London or near it

April.	July.	October.
D. H. M. Satell.	D. H. M. Satell.	D. H. M. Satell.
18 15 11 2 I.	23 14 4 2 I.	16 10 17 3 E.
27 15 36 4 I.	August.	23 10 46 3 I.
May.	3 8 59 2 E.	31 5 58 2 E.
4 13 46 3 E.	6 9 28 4 E.	November.
11 14 12 3 I.	10 11 37 2 E.	7 8 33 2 E.
14 14 49 4 E.	17 14 15 2 E.	21 6 12 3 E.
30 14 49 2 I.	September.	22 6 42 3 I.
June.	3 9 52 3 E.	December.
9 11 41 3 E.	4 8 52 2 E.	2 5 35 2 E.
14 11 49 2 I.	11 11 31 2 E.	18 6 18 4 I.
16 13 38 3 E.	25 11 24 4 I.	Note, Under the
21 14 21 2 I.	29 6 8 2 E.	Word <i>Satell.</i> the
23 14 5 3 I.	October.	Number shews the
July.	6 8 46 2 E.	<i>Satellite</i> Eclipsed,
9 8 53 2 I.	9 6 5 3 E.	and the Letters I:
16 11 28 2 I.	12 9 4 4 E.	or E. if an Immer-
20 10 13 4 I.	16 6 37 3 I.	sion or Emerfion.

## U S E.

Observe the exact apparent Time of an Emerfion or Im-  
merfion, of any of  $\mathcal{U}$ 's *Satellites*; compare that Time with  
the calculated Time of the same *Satellite* in these Tables, the  
difference is the difference of Longitude requir'd from Lon-  
don.

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#### IV. A short Account concerning the computation of Time.

TOWARDS the Close of the last Parliament, the regulation of some Errors, and Defects in the *English* Calendar was the Topick of Conversation; and has been the Occasion of farther Enquiries, and Discourses, relating to that Subject: But that Parliament being near the End of its last Sessions, nothing was done therein by Authority.

Our computation of Time is certainly very defective, and our Calendar wants a review; all Lovers of Order and Uniformity amongst us would be glad to see such a Rectification established, as would tend to the Honour of this Nation, and to an Uniformity of Style, and Date with our Neighbours.

We know the Commencement of the Christian *Æra* is four Years erroneous, but that is not what can be now amended, without running Things into the utmost Confusion. It is the regular Commencement of one (and no more than one) New-Years-Day in a Year, and the right timing of the Fasts and Festivals of the Church that wants to be done.

We for our Parts have two New-Years-Days every Year, neither of which begins in Conformity with our Neighbours, nor indeed with the natural Beginning of the Year; but, neither can this last particular (I presume) be at present rectified, though the other may: *Julius Caesar* rightly began the Year at the Time when the Sun began to return from the *Southern Hemisphere*. (The *English* by their Ecclesiastical Account intended it, when the Sun entered the Vernal Equinox,) but Time has so far removed the Head of the Year from its proper Beginning, that it cannot be now restored to its Place, but great Confusions and Inconveniences must ensue.

Our Catholick Neighbours, when they pretended to reform the Year, neglected that important Point; and we must (as Things are now circumstanced) be content to fix our Stations where they have done theirs. if we would have a Uniformity of Style and Date; guard against Confusion in Civil Accounts, and prevent Anachronisms in History; but we are not obliged to follow them in their own uncouth ways, tho' we do intend to join our Standard with theirs at last.

The great, and perhaps only View, that Pope *Gregory XIII.* and his Advisers had in correcting the Calendar, was to re-

store



store the great Feast of *Easter* to the Place where the Council of *Nice* had fixed it, about the Year 325; which Piece of Service they might have done the Universal Church, without disturbing the *Julian* or Civil Year, then in Use throughout the Christian World; that being no way necessary in the Business of rightly timing of *Easter*.

But however, if the Catholick Reformers, in order to compleat the Work they had begun, believed it necessary to alter the Form of the Year; what pity it is they did not look farther back than the Council of *Nice*, and fix the *Caput Anni*, and Festivals of the Church, conformable to the Celestial Motions, at the Time of our Blessed Saviour's Nativity, or Resurrection; their Protestant Neighbours would then, in all probability soon have followed them, because, by so doing, they would have pursued the Paths of Truth.

The Fathers of the Council of *Nice* were but indifferent Astronomers; and those of the Council of *Rome* not much better, if they had, they would have left the Year as they found it, rather than have made such a tugging Correction of it as they have done. They might have fixed their *Easter* Rules without altering the Year, the Place of one having nothing to do with the Form of the other.

The alteration of the Year can only be done by Authority; and stating the Time of the Church Festivals is the Business of Divines; when one is commanded, and the other established, it then becomes the Work of a Mathematician to point out those Times before they come; and to that purpose it is necessary that the Celestial Motions be well understood.

The Protestant Princes in *Germany*, and the *North*, in the Year 1700, being willing to conform their Style and Dates to that of their Neighbours, took a much better Method to fix their Times than what the Catholicks had done before them: They justly rejecting all Cyclean Computation, introduced into their Calendar Astronomical Calculations, from *Koplar's Rudolphine Tables*; but it must be confessed those Calculations are attended with great Labour, and can only be performed by good Astronomers.

I have spent some Time in framing New Tables, in order to facilitate such Sort of Calculations: which Tables will find the Time of the Sun's entrance into any determined Point of the *Ecliptick* and the true Time of any *Lunation* required; they are easy to be understood, very ready

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ready in Practice, and exact in their Operations; room will not permit me to do more at present, than to insert a short View of my method in finding the Sun's entrance into *Aries*: Persons used to Astronomical Calculations, will from thence see, that it is a great Novelty, and vastly preferable to *Keplar's*, or any other way before made use of for that Purpose.

## PRECEPTS.

1. Collect the M. Ingress for the Year and Month given, look for that *Sum* or the nearest less in the Column of Days, for the Day of the Mean Ingress required.

2. From the Sum, subtract the Day's Motion, the Hours, Minutes and Seconds agreeing to the remainder, is the Time of the Mean Ingress on that Day.

3. Take from this little Table the ☉'s true Anomaly for the Year given.

4. With which, take from Table III. the difference in Time between the Mean and True Ingress, which difference apply according to its Title to the Time of the Mean Ingress, and you will have the Time of the Ingress required.

## EXAMPLE.

For the ☉ entrance into *Aries*. A.D. 1748.

1748. Mean Ingress	9 39 16	Mean Ingress	
Month. <i>March</i>	1 50 49	<i>March.</i>	
	Sum. 11 30 5	D. H. M.	
		10 16 4	
Diflex. 10 Days	10 50 31	Sub. 1 22 28	
	Rem. 39 34	True Ingress.	
16 Hours	39 25	8 17 36	
4 Min.	0 9	Equal Time.	

Anno Dom.	☉'s True Anom.
1700	8 22 16
1740	8 21 35
1741	8 21 34
1742	8 21 33
1743	8 21 32
1744	8 21 30
1745	8 21 29
1746	8 21 28
1747	8 21 27
1748	8 21 26
1749	8 21 25
1750	8 21 24
Years	compleat
B. 1	11 29 59
2	11 29 58
3	11 29 57
4	11 29 56
B. 5	11 29 55
6	11 29 54

*Note.* When the Sun's Ingress into any other Point but the Beginning of ♈ is required, the 3d Precept above will want a little Explanation; an Artist will know how to supply that, and for others they must wait another Opportunity.

## II. TABLE





III. TABLE. The difference in Time between the mean and true Ingress of the Sun, into any Sign, Degree, or Minute of the Zodiac.

Degrees	Sun's True Anomaly.						[Time Add.]	
	0 Sign	1 Sign.	2 Signs	3 Signs	4 Signs	5 Signs		
	d. h. m.	d. h. m.	d. h. m.	d. h. m.	d. h. m.	d. h. m.		
0	0 0 0	0 23 47	1 17 3	1 23 4	1 16 31	0 23 15	30	
1	0 0 50	1 0 30	1 17 26	1 23 4	1 16 6	0 22 32	29	
2	0 1 40	1 1 12	1 17 49	1 23 2	1 15 39	0 21 49	28	
3	0 2 30	1 1 54	1 18 11	1 23 0	1 15 12	0 21 6	27	
4	0 3 20	1 2 35	1 18 32	1 22 56	1 14 45	0 20 22	26	
5	0 4 9	1 3 16	1 18 53	1 22 51	1 14 17	0 19 38	25	
6	0 4 59	1 3 57	1 19 13	1 22 46	1 13 48	0 18 54	24	
7	0 5 48	1 4 37	1 19 32	1 22 40	1 13 18	0 18 9	23	
8	0 6 37	1 5 16	1 19 51	1 22 33	1 12 48	0 17 24	22	
9	0 7 26	1 5 55	1 20 9	1 22 25	1 12 18	0 16 39	21	
10	0 8 15	1 6 32	1 20 26	1 22 16	1 11 46	0 15 53	20	
11	0 9 4	1 7 10	1 20 42	1 22 7	1 11 14	0 15 7	19	
12	0 9 53	1 7 47	1 20 57	1 21 57	1 10 41	0 14 20	18	
13	0 10 42	1 8 23	1 21 11	1 21 45	1 10 8	0 13 34	17	
14	0 11 31	1 9 0	1 21 25	1 21 33	1 9 34	0 12 48	16	
15	0 12 19	1 9 35	1 21 38	1 21 19	1 8 59	0 12 1	15	
16	0 13 7	1 10 10	1 21 50	1 21 6	1 8 23	0 11 14	14	
17	0 13 55	1 10 43	1 22 1	1 20 53	1 7 48	0 10 27	13	
18	0 14 43	1 11 17	1 22 11	1 20 36	1 7 12	0 9 39	12	
19	0 15 30	1 11 49	1 22 20	1 20 20	1 6 35	0 8 52	11	
20	0 16 17	1 12 21	1 22 28	1 20 3	1 5 59	0 8 4	10	
21	0 17 4	1 12 52	1 22 36	1 19 45	1 5 20	0 7 16	9	
22	0 17 50	1 13 22	1 22 43	1 19 27	1 4 41	0 6 28	8	
23	0 18 36	1 13 52	1 22 49	1 19 11	1 4 20	0 5 40	7	
24	0 19 21	1 14 21	1 22 53	1 18 48	1 3 23	0 4 51	6	
25	0 20 2	1 14 50	1 22 57	1 18 26	1 2 43	0 4 3	5	
26	0 20 51	1 15 22	1 23 0	1 18 4	1 2 20	0 3 14	4	
27	0 21 35	1 15 45	1 23 3	1 17 43	1 1 21	0 2 26	3	
28	0 22 20	1 16 11	1 23 4	1 17 20	1 0 39	0 1 3	2	
29	0 23 3	1 16 37	1 23 5	1 16 56	0 23 58	0 0 45	1	
30	0 23 47	1 17 3	1 23 4	1 16 31	0 23 15	0 0 0	0	
11 Signs   10 Signs   9 Signs   8 Signs   7 Signs   6 Signs							[Time Sub.]	
Sun's True Anomaly.								

V. Of the four Quarters of the Year, and the Planets Influence therein.

**T**HE Spring Quarter begins, the 9th Day of March, at 36 Minutes after 5 in the Morning. — The Troubles of Europe are not yet at an End, new Matters are still a brooding. The  $\text{♂}$   $\text{♂}$   $\text{♂}$  from  $\text{♄}$  and  $\text{♅}$  will have strange Effects in some Countries in Europe, and other Parts of the World also, we say that Work is best that is soonest done, yet its certain that Deliberation and Advice makes every Undertaking the more secure.

The Summer Quarter begins, the 10th Day of June, at 25 Minutes after 4 in the Morning. — The Moon is departing from the  $\text{♂}$  of  $\text{♄}$ , and applying to the  $\text{♄}$  of  $\text{♅}$ . A froward seditious sort of People are still Active, but Experience lets them know there is no resisting the Decrees of Heaven, if they smart for their Follies, they must thank themselves.

*If perjur'd Villains, Plotters of our Times,  
Still act those horrid and infernal Crimes;  
Disturb just Heaven, Magistrates provoke,  
Till Justice overtakes them with a Rope,  
'Tis very just that such flagitious Men  
Should be took off, never to Plot again:*

The Harvest Quarter begins September the 11th, 37 Minutes past 5 in the Evening. — Here is a crowd of Planets in the West, no fewer than 6 out of 7. There will be strange Contentions, Quarrels, and underhand Dealings in some Places under the Sign  $\text{♏}$ . Some fear of a sickly Season.

The Winter Quarter begins on the 10th Day of December, 20 Minutes after 9 in the Morning, — Saturn and Venus are in the Angle of Honour, and the  $\text{♄}$  and  $\text{♅}$  in the East. The Scene of Things seems changed, and sundry Happineses begin to salute the World. The Passions of Men begin to abate. Many Addresses are made to the Monarch of Great-Britain, Peace and good Order seems to attend his Motions.